

FIG. 1A

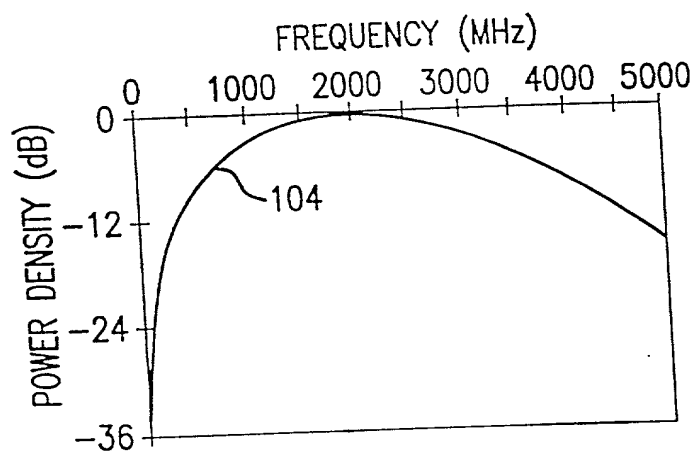


FIG. 1B

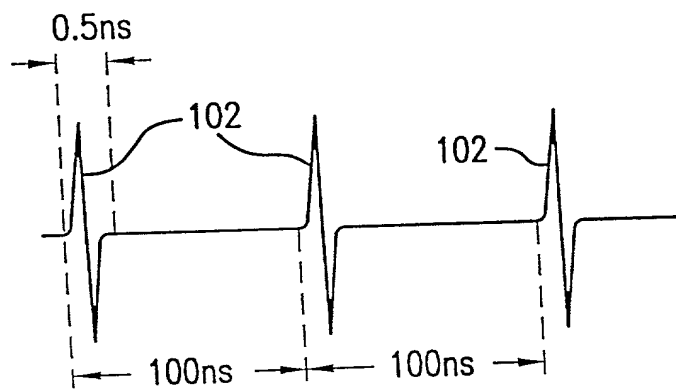


FIG.2A

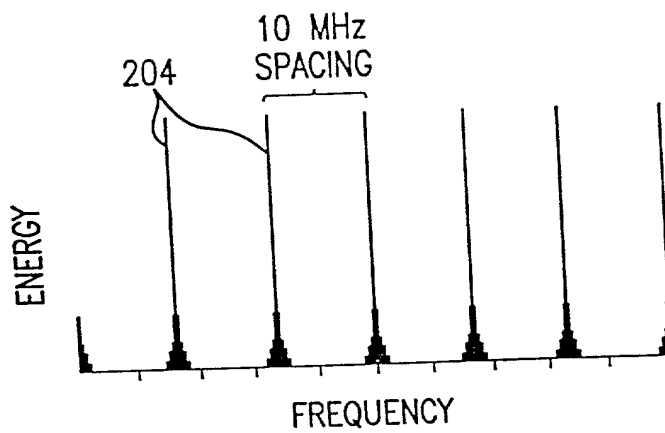


FIG.2B

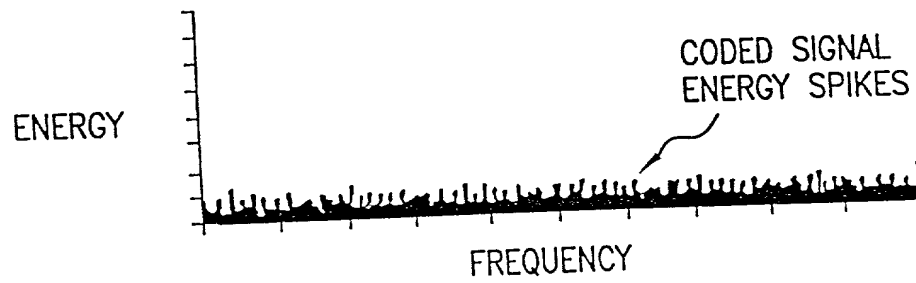


FIG.3

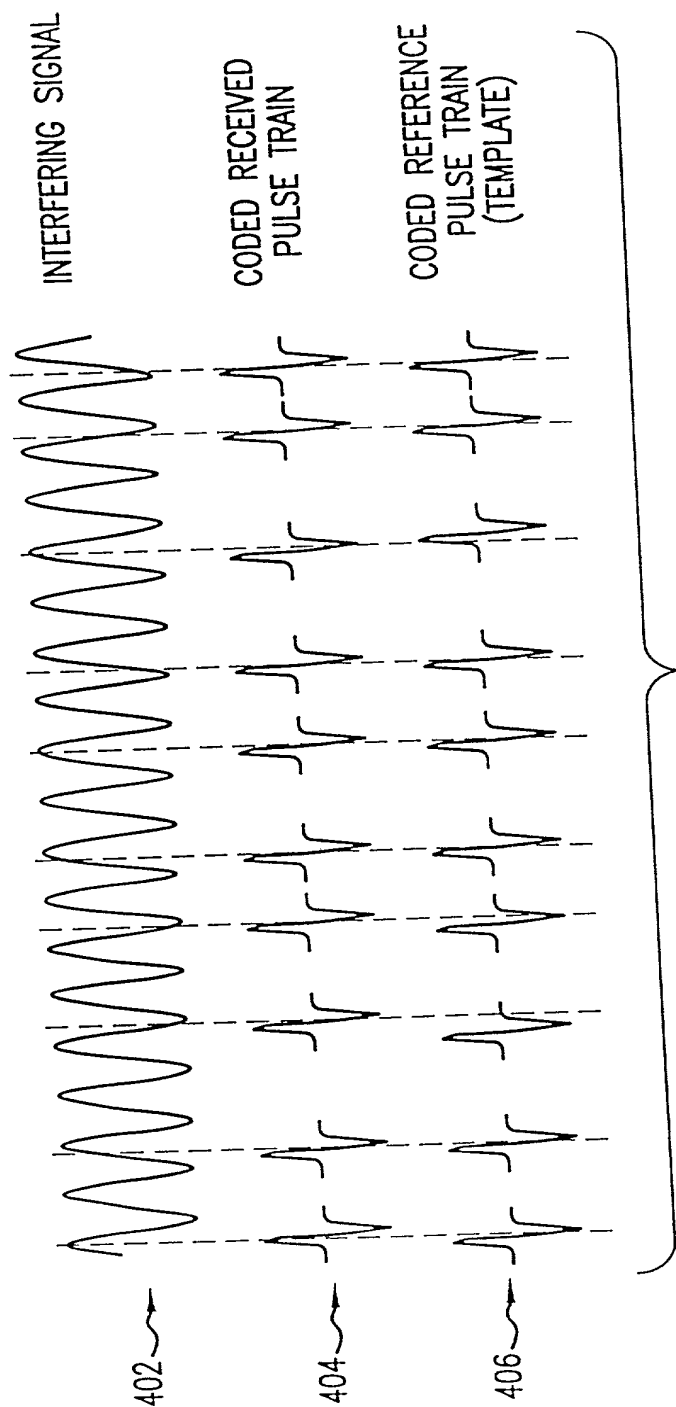


FIG. 4

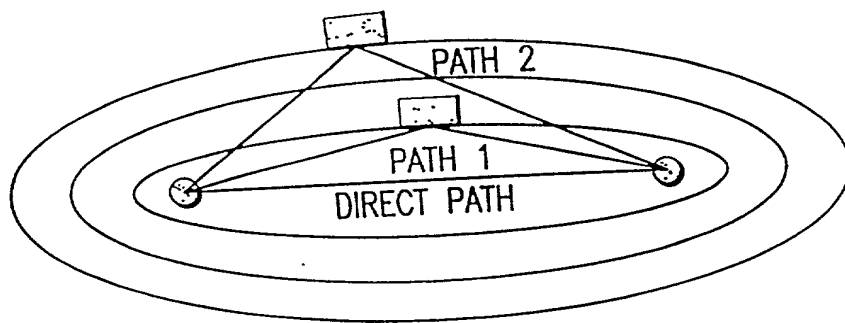


FIG.5A

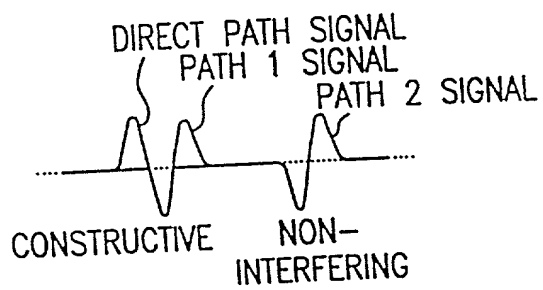
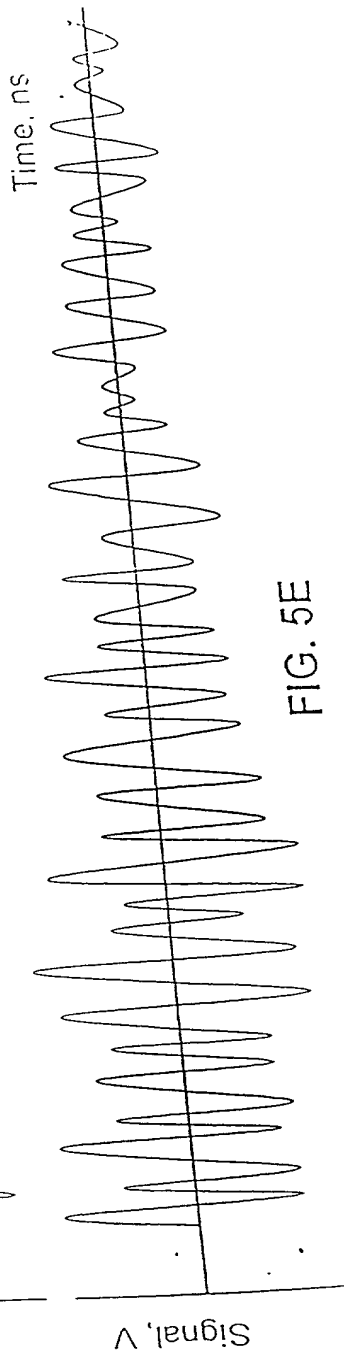
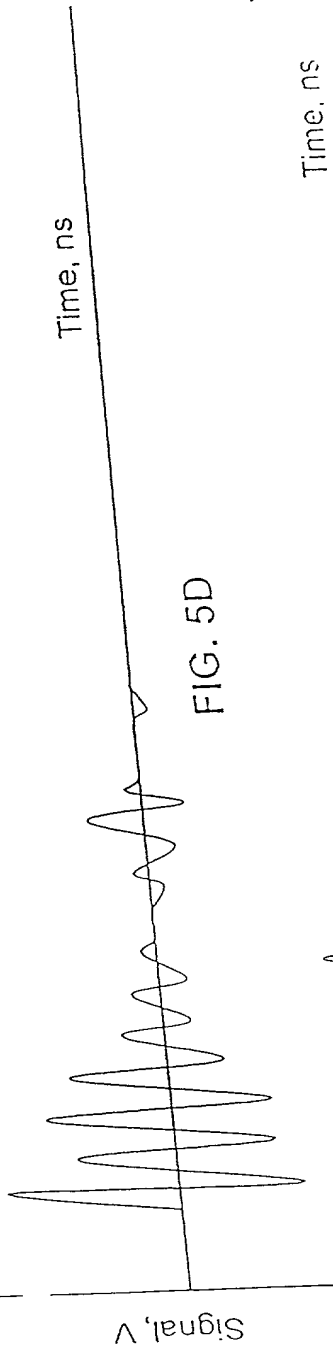
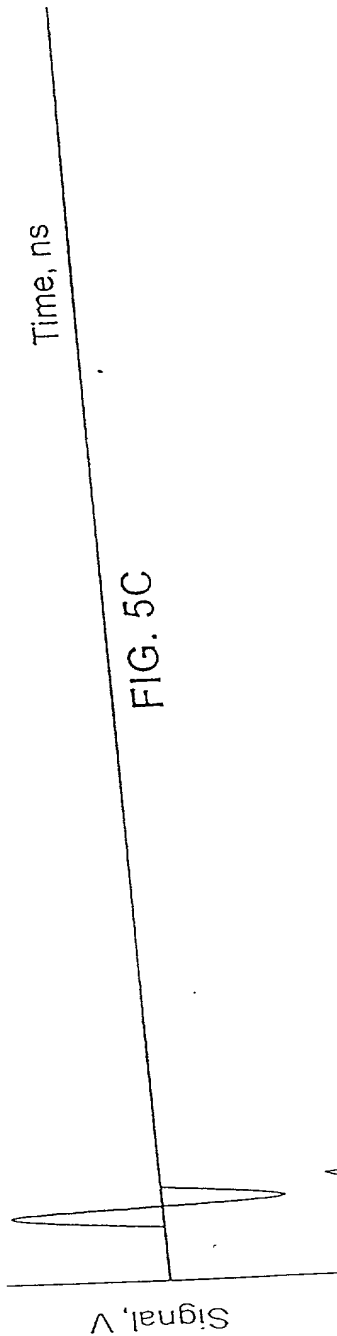


FIG.5B



Rayleigh Fading

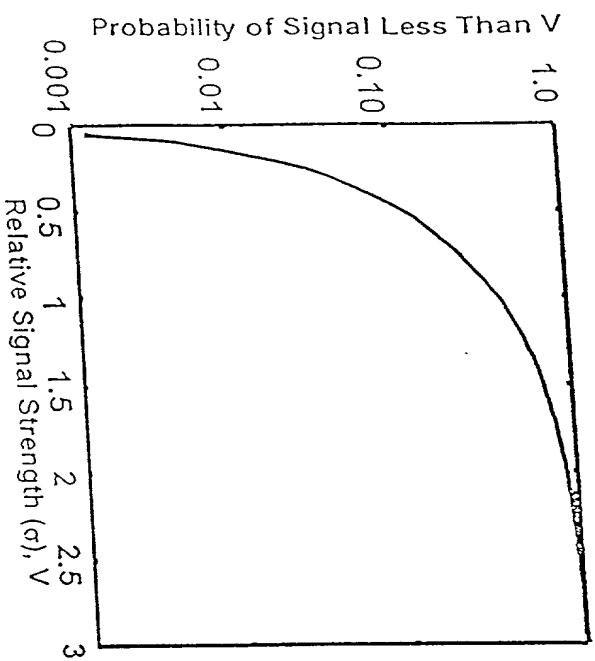


Fig. 5F

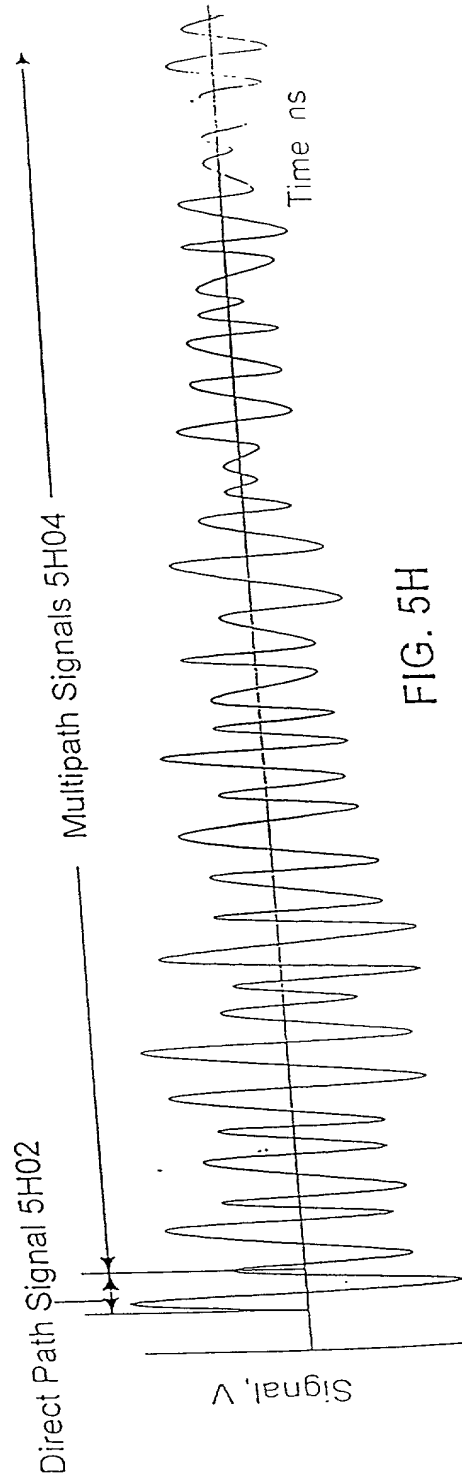
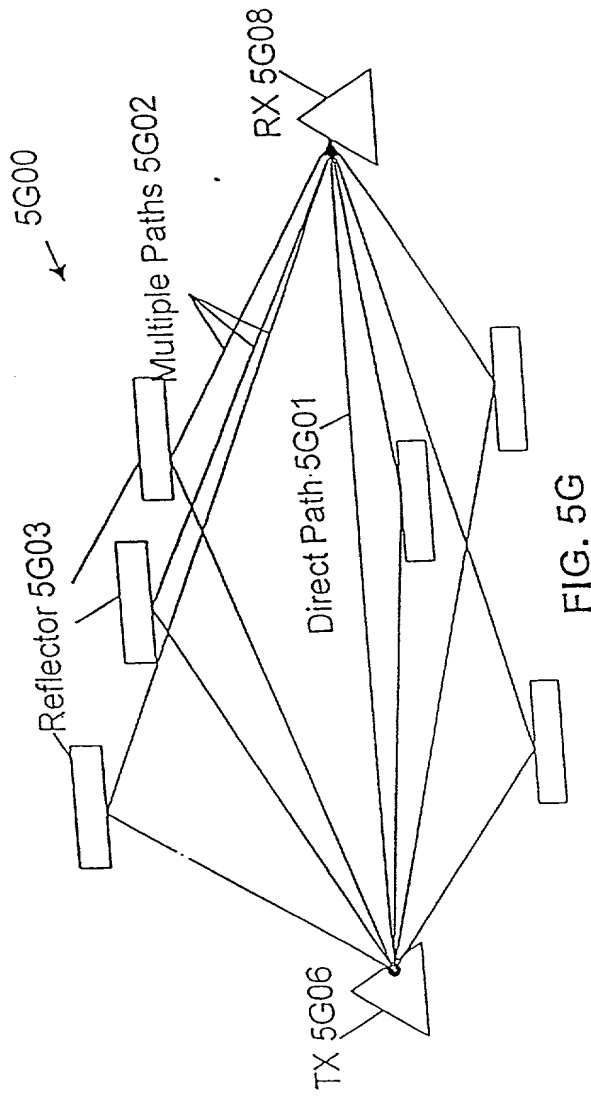
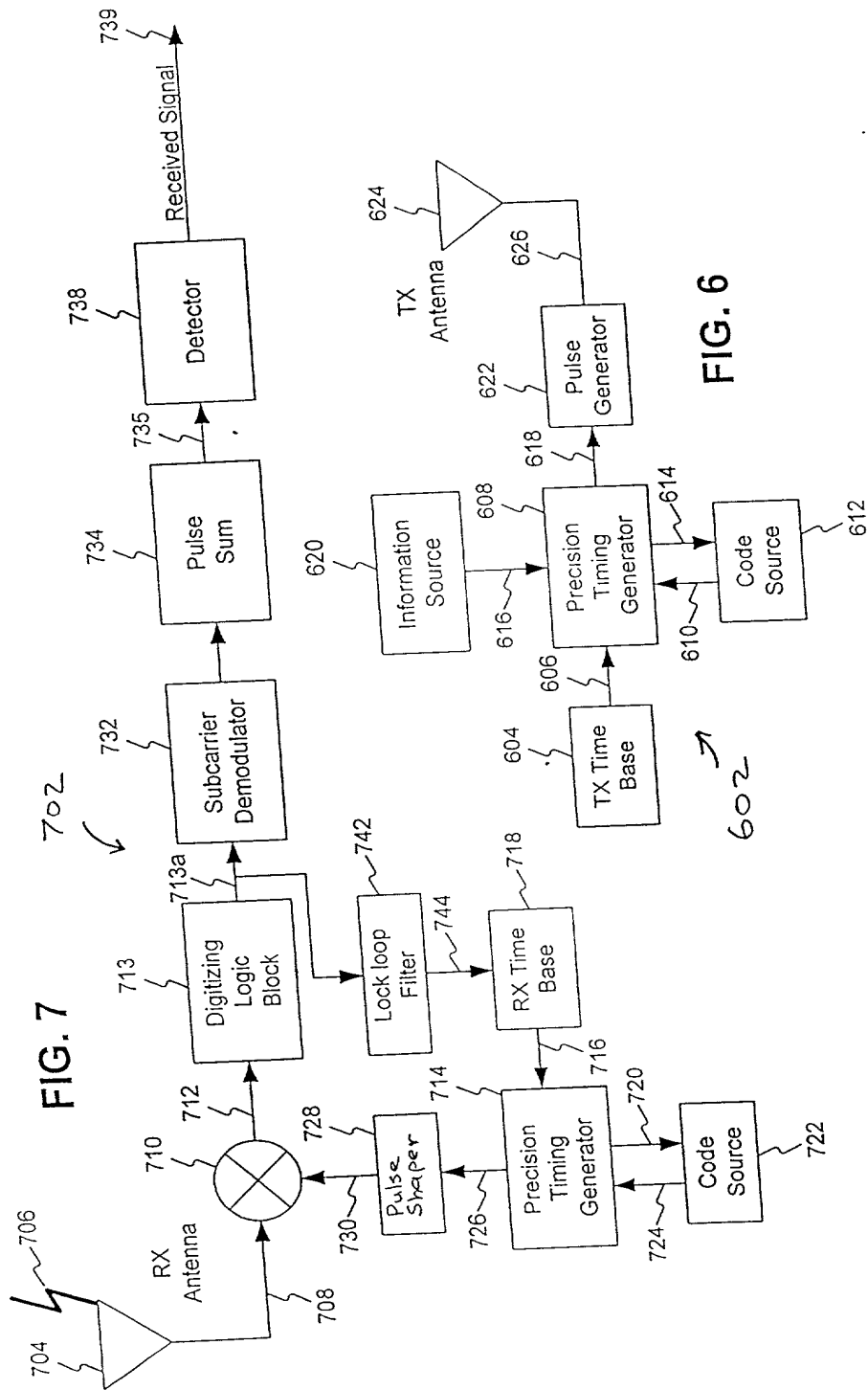


FIG. 5H



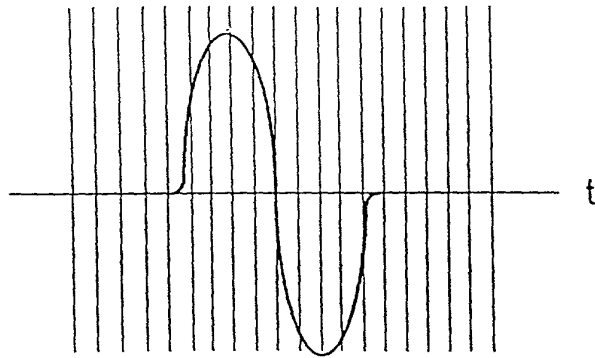


FIG.8A

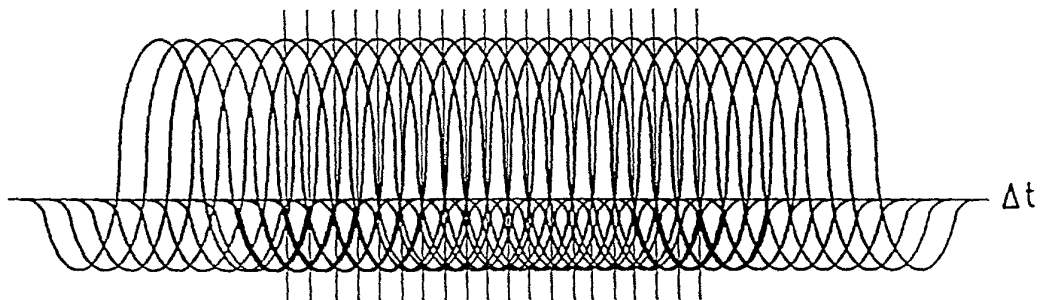
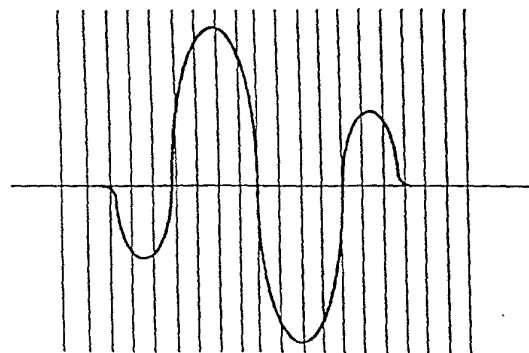


FIG.8B



CORRESPONDING
TO EACH
 Δt

FIG.8C

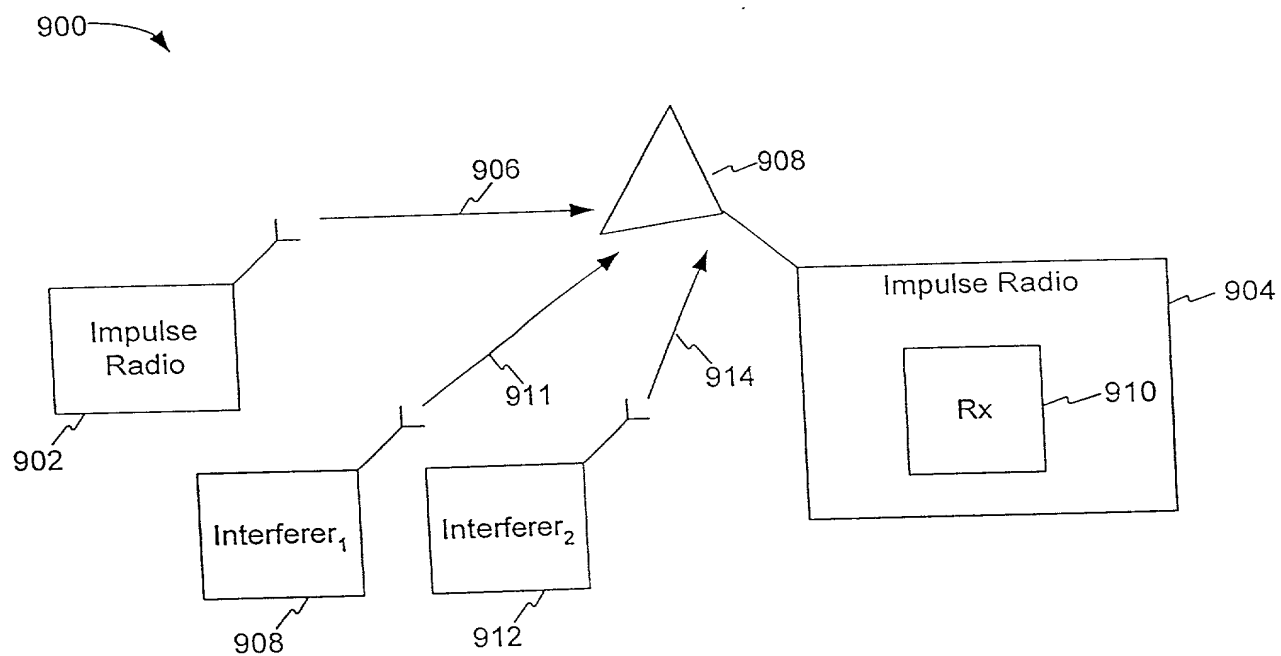


FIG. 9

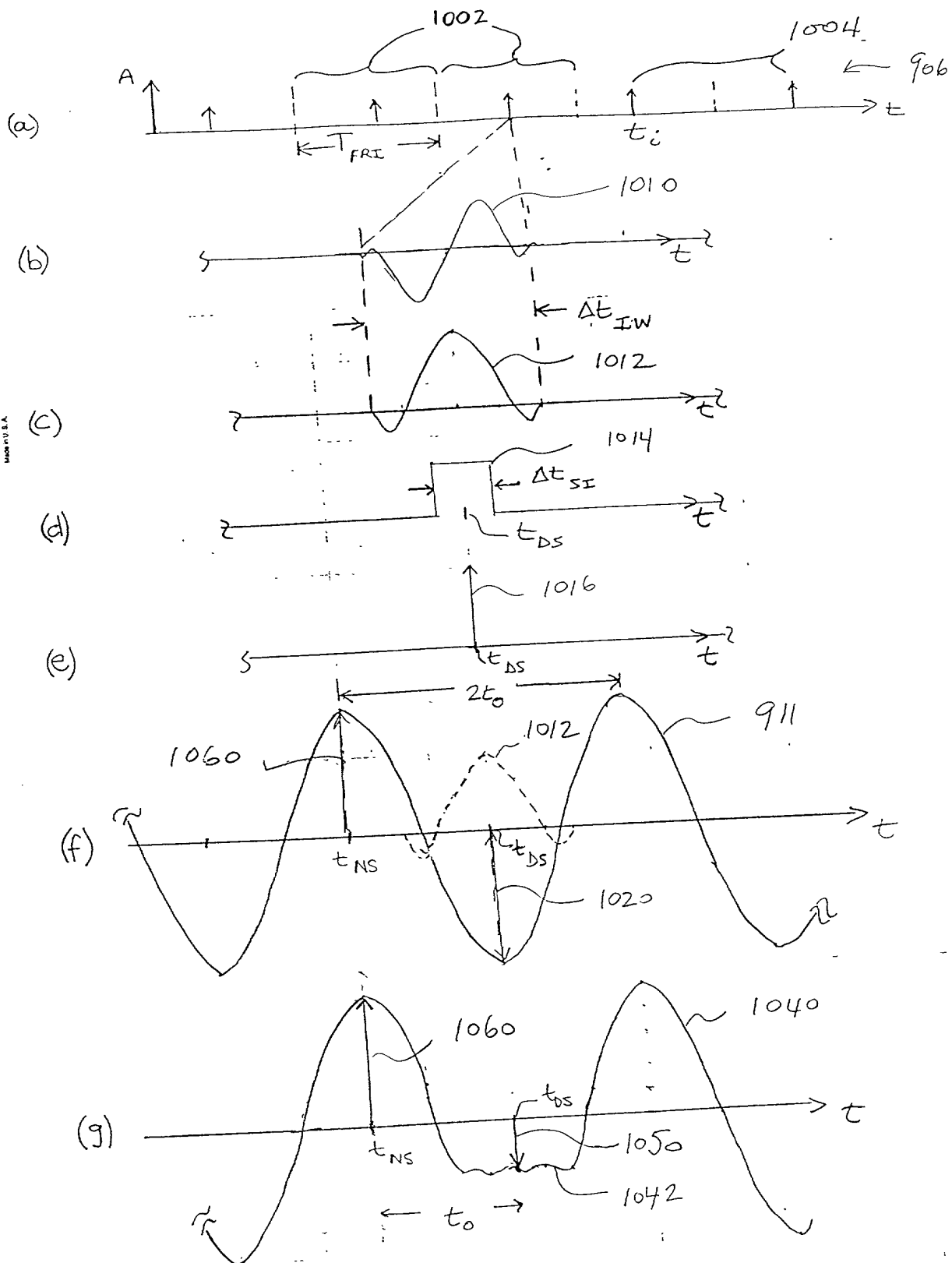


FIG. 10

FIG. 11A

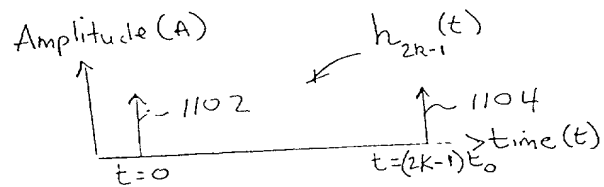


FIG. 11B

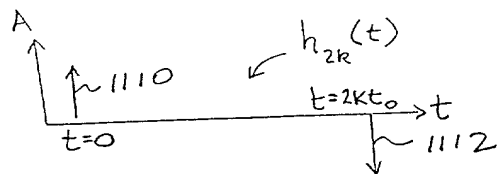


FIG. 11C

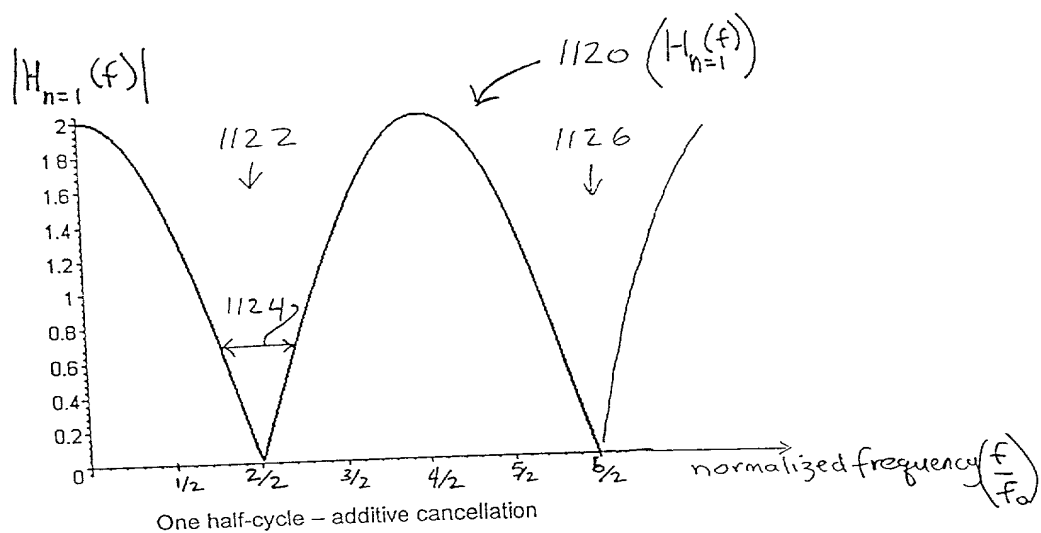


FIG. 11D

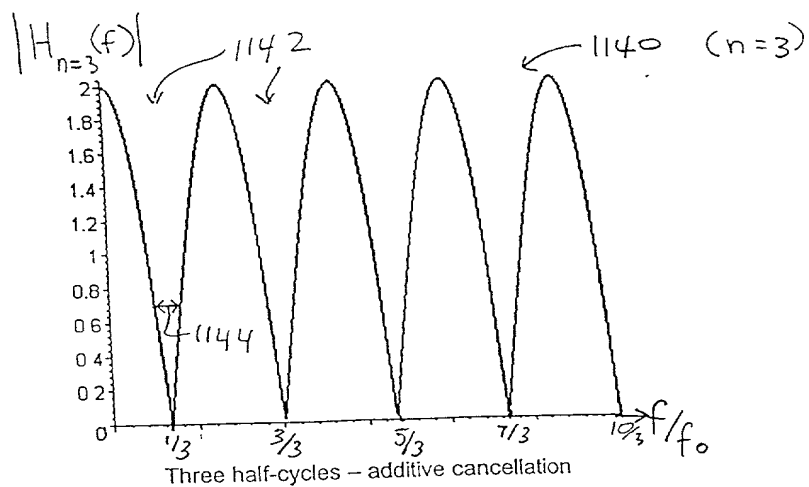


FIG. 11E

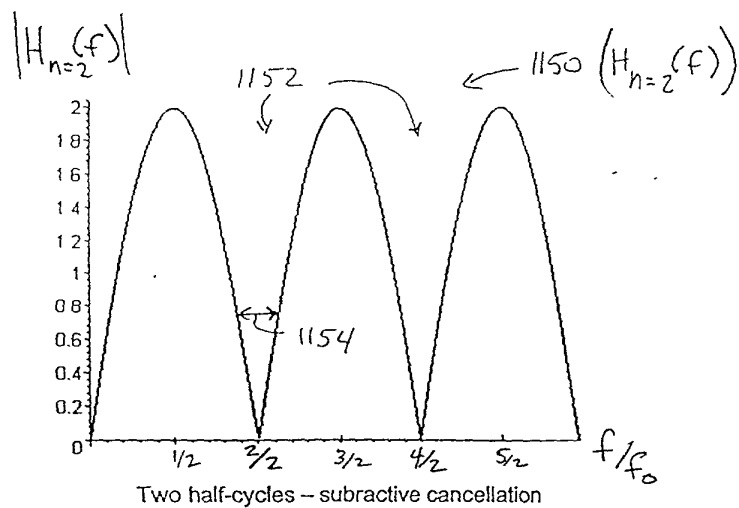


FIG. 11F

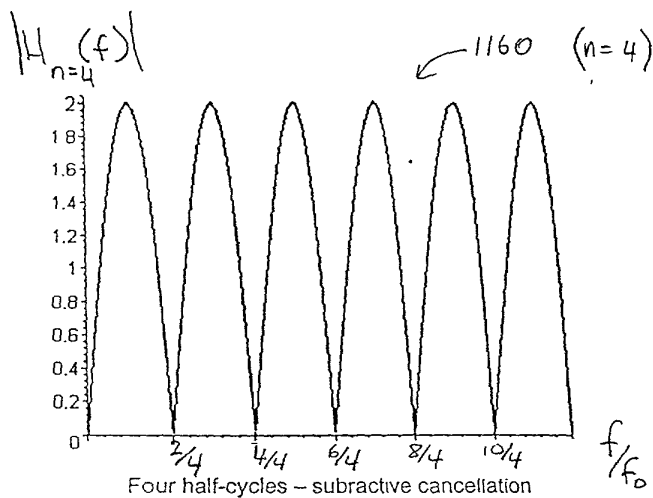
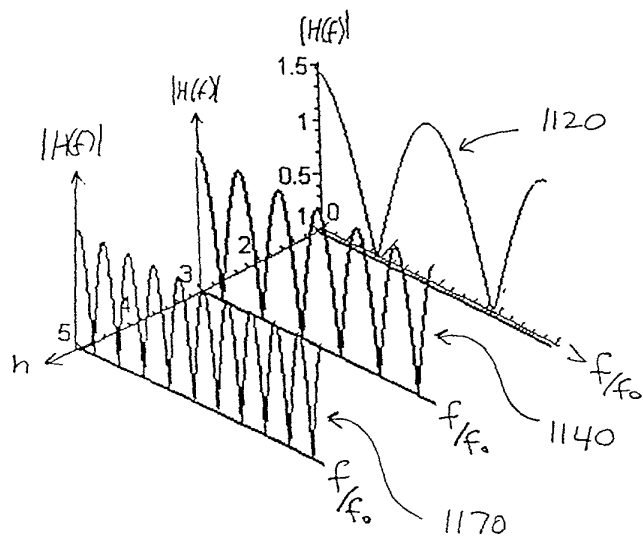


FIG. 11G



50 SHEETS 5 1/2" x 8 1/2" SQUARE
100 SHEETS 5 1/2" x 8 1/2" SQUARE
200 SHEETS 5 1/2" x 8 1/2" SQUARE
400 SHEETS 5 1/2" x 8 1/2" SQUARE
800 SHEETS 5 1/2" x 8 1/2" SQUARE
1600 SHEETS 5 1/2" x 8 1/2" SQUARE
3200 SHEETS 5 1/2" x 8 1/2" SQUARE
6400 SHEETS 5 1/2" x 8 1/2" SQUARE
12800 SHEETS 5 1/2" x 8 1/2" SQUARE
25600 SHEETS 5 1/2" x 8 1/2" SQUARE
51200 SHEETS 5 1/2" x 8 1/2" SQUARE
102400 SHEETS 5 1/2" x 8 1/2" SQUARE
204800 SHEETS 5 1/2" x 8 1/2" SQUARE
409600 SHEETS 5 1/2" x 8 1/2" SQUARE
819200 SHEETS 5 1/2" x 8 1/2" SQUARE
1638400 SHEETS 5 1/2" x 8 1/2" SQUARE
3276800 SHEETS 5 1/2" x 8 1/2" SQUARE
6553600 SHEETS 5 1/2" x 8 1/2" SQUARE
13107200 SHEETS 5 1/2" x 8 1/2" SQUARE
26214400 SHEETS 5 1/2" x 8 1/2" SQUARE
52428800 SHEETS 5 1/2" x 8 1/2" SQUARE
104857600 SHEETS 5 1/2" x 8 1/2" SQUARE
209715200 SHEETS 5 1/2" x 8 1/2" SQUARE
419430400 SHEETS 5 1/2" x 8 1/2" SQUARE
838860800 SHEETS 5 1/2" x 8 1/2" SQUARE
1677721600 SHEETS 5 1/2" x 8 1/2" SQUARE
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 10284403483257537763468557390983440656142099160209874145928806400 SHEETS 5 1/2" x 8 1/2" SQUARE
 20568806966515075526937114781966881312284198320419748291857612800 SHEETS 5 1/2" x 8 1/2" SQUARE
 41137613933030151053874229563933762624568396640839496583715225600 SHEETS 5 1/2" x 8 1/2" SQUARE
 82275227866060302107748459127867525249136793281678993167430451200 SHEETS 5 1/2" x 8 1/2" SQUARE
 164550455732120604215496918255735050498273586563357986334860902400 SHEETS 5 1/2" x 8 1/2" SQUARE
 329100911464241208430993836511470100996547173126715972669721804800 SHEETS 5 1/2" x 8 1/2" SQUARE
 658201822928482416861987673022940201993094346253431945339443609600 SHEETS 5 1/2" x 8 1/2" SQUARE
 1316403645856964833723975346045880403986188692506863890678887219200 SHEETS 5 1/2" x 8 1/2" SQUARE
 2632807291713

FIG. 13A.

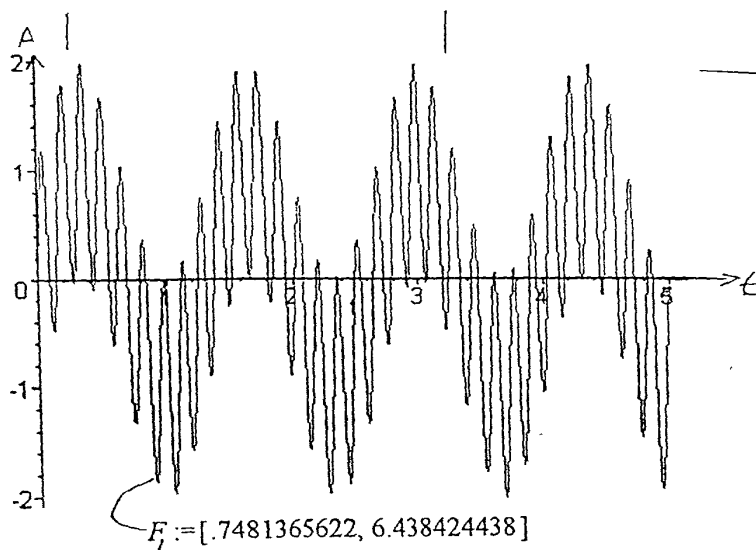


FIG. 13B

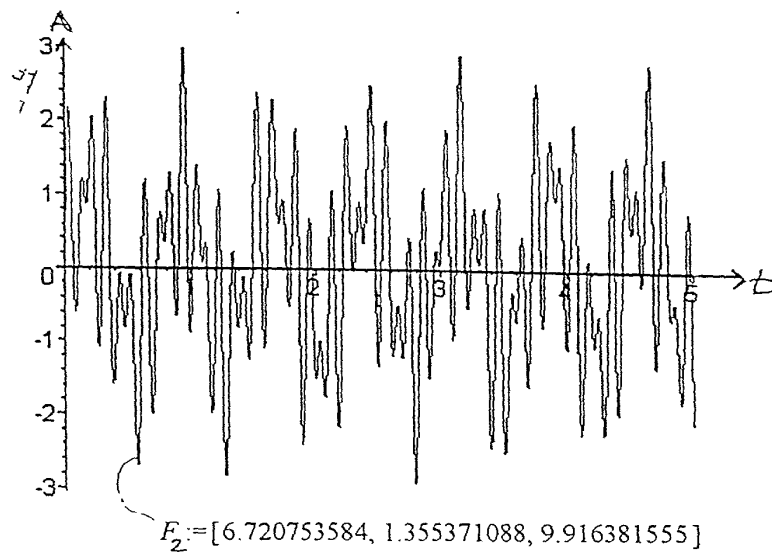
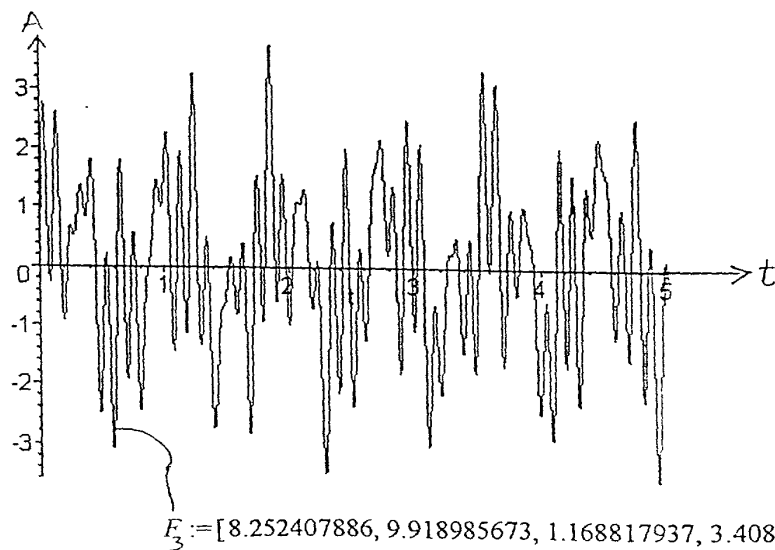


FIG. 13C



Handwritten notes at the top of the page, possibly a title or reference.

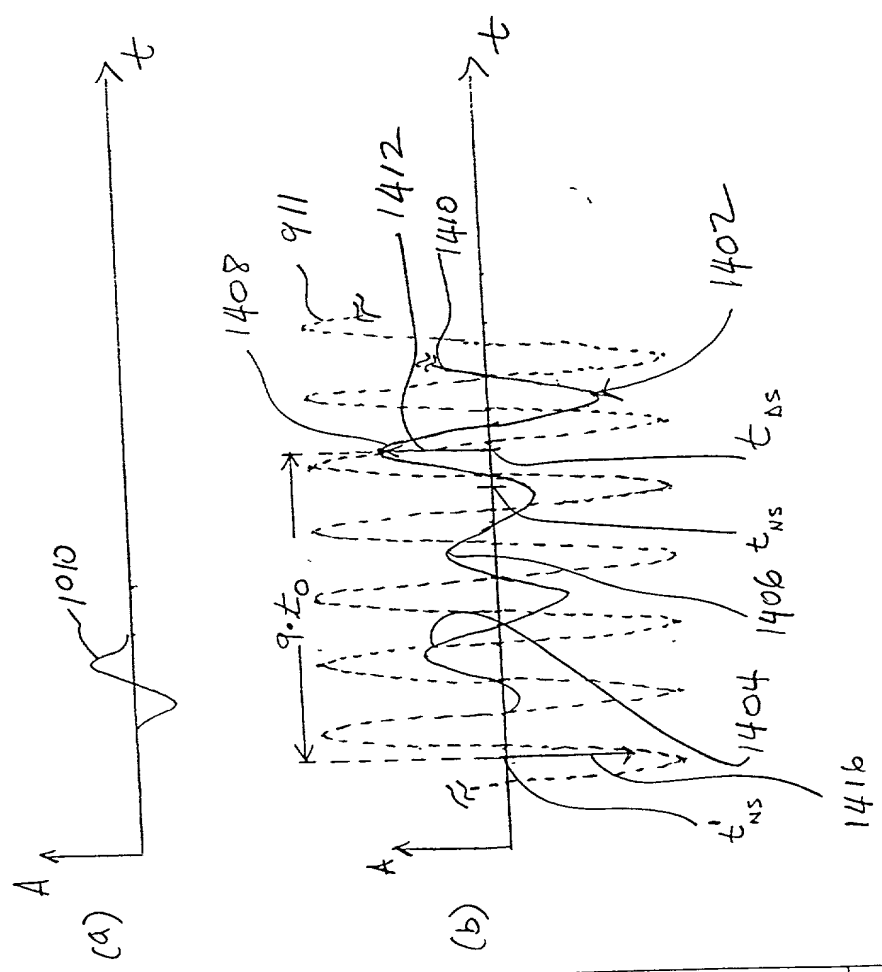
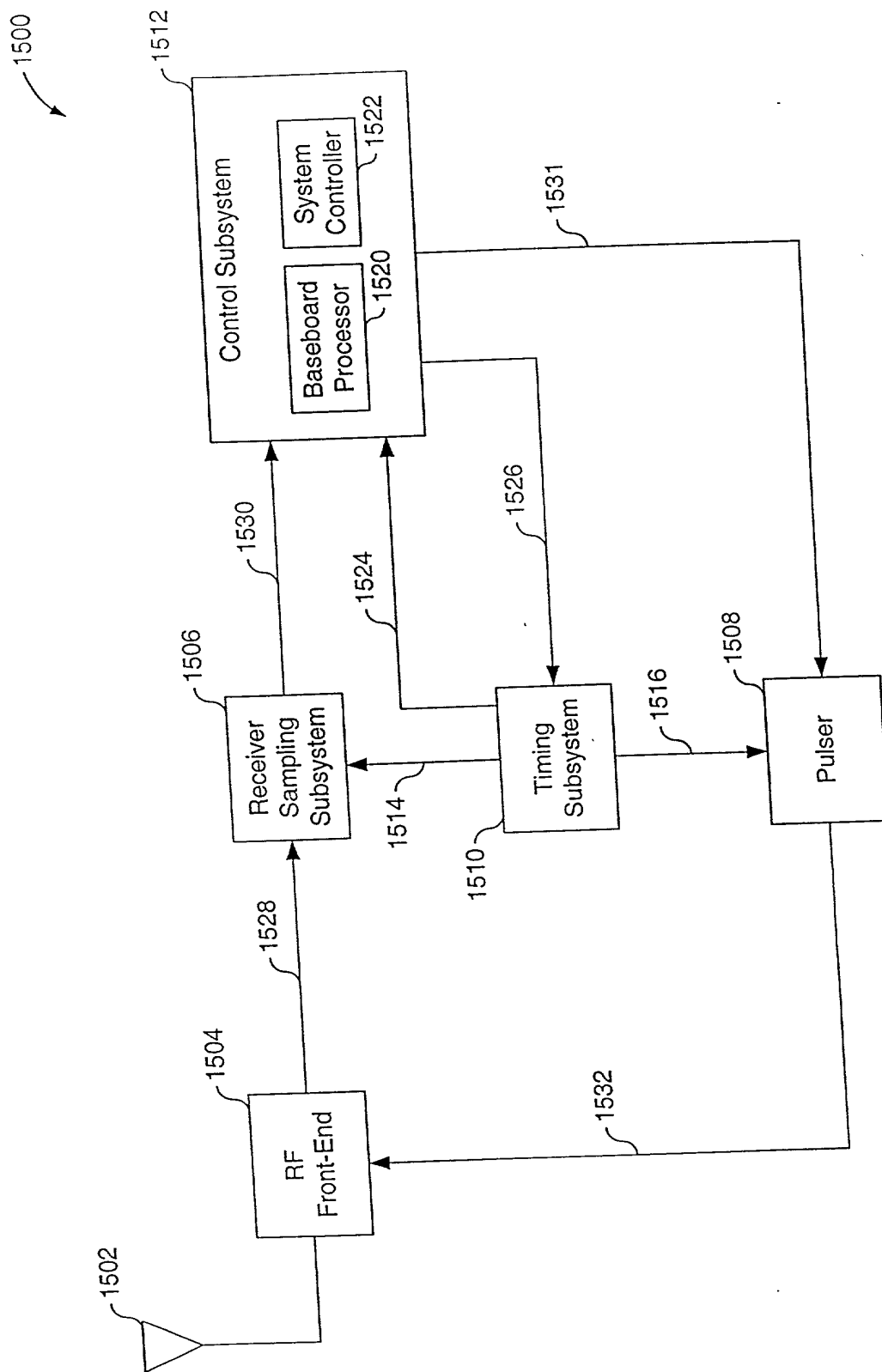

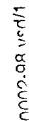


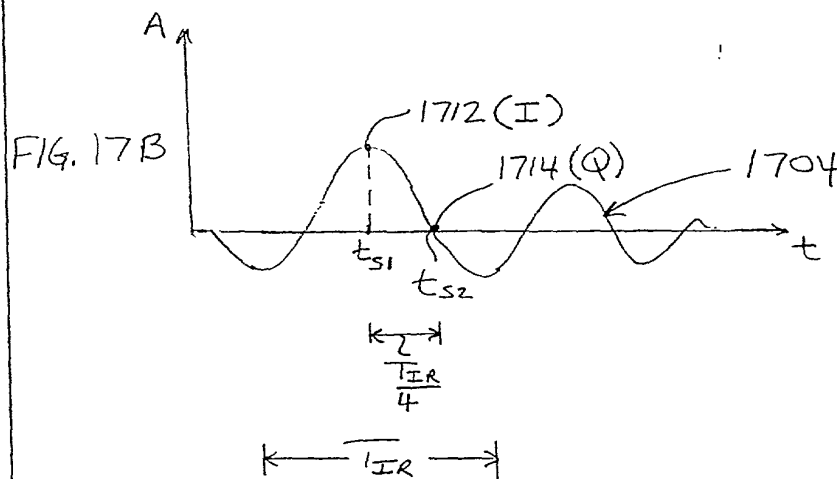
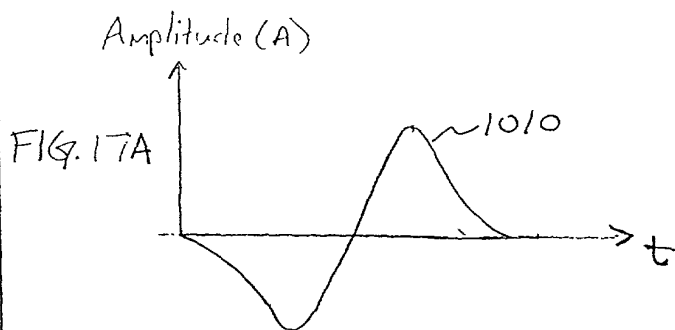
Fig. 14



1500 

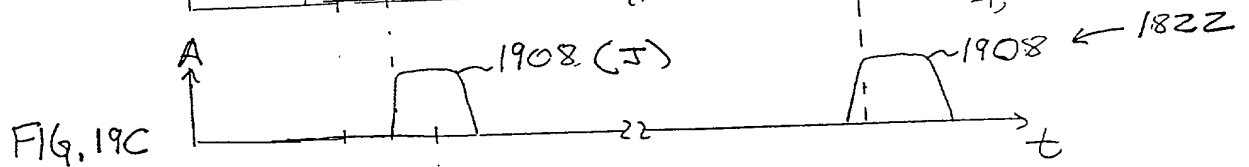
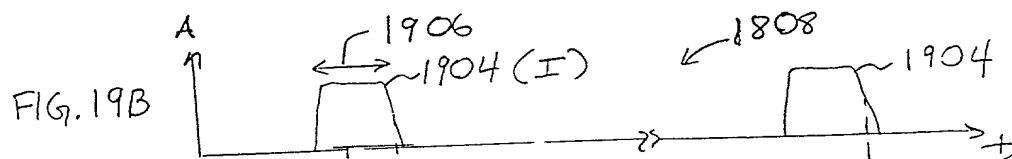
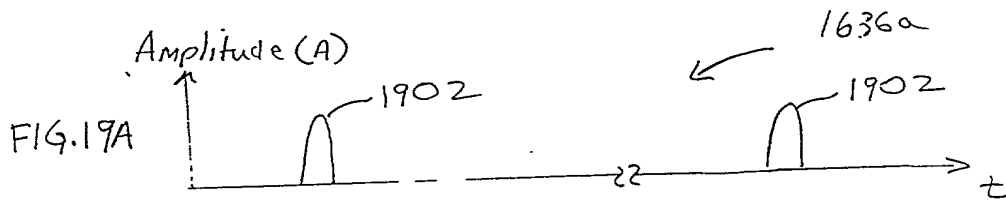
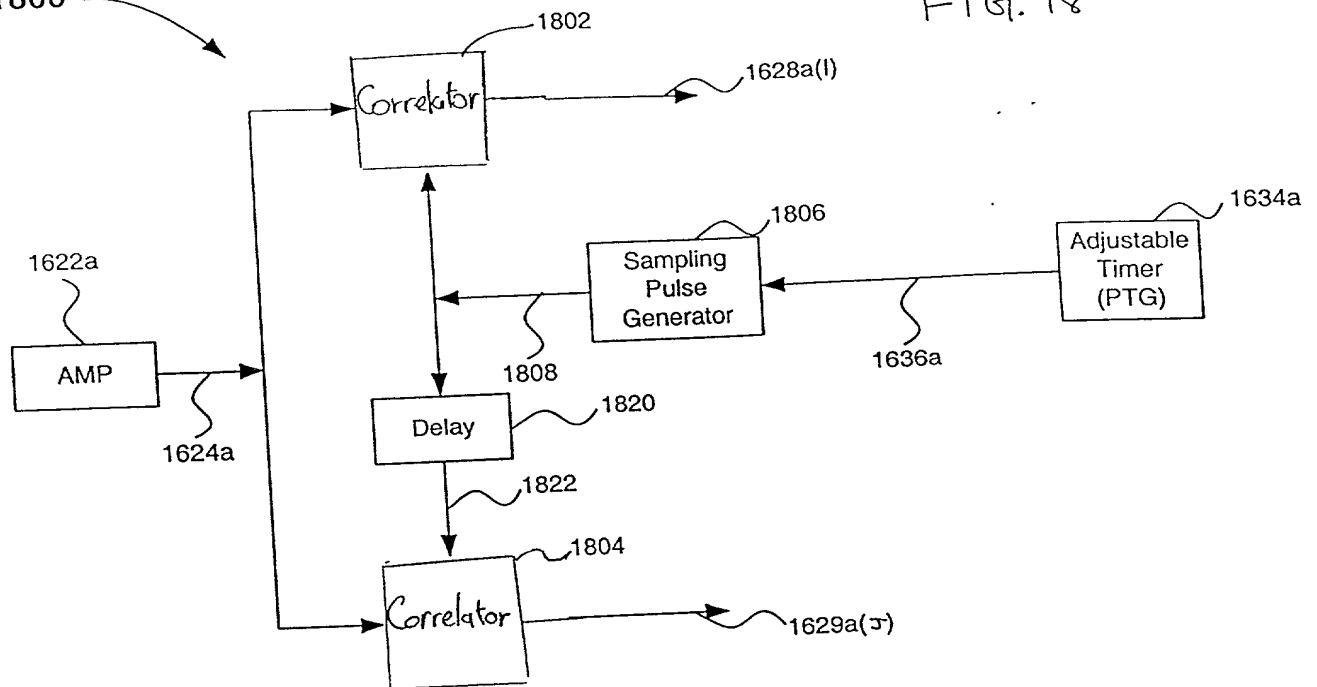


NEW National Brand



1800

FIG. 18



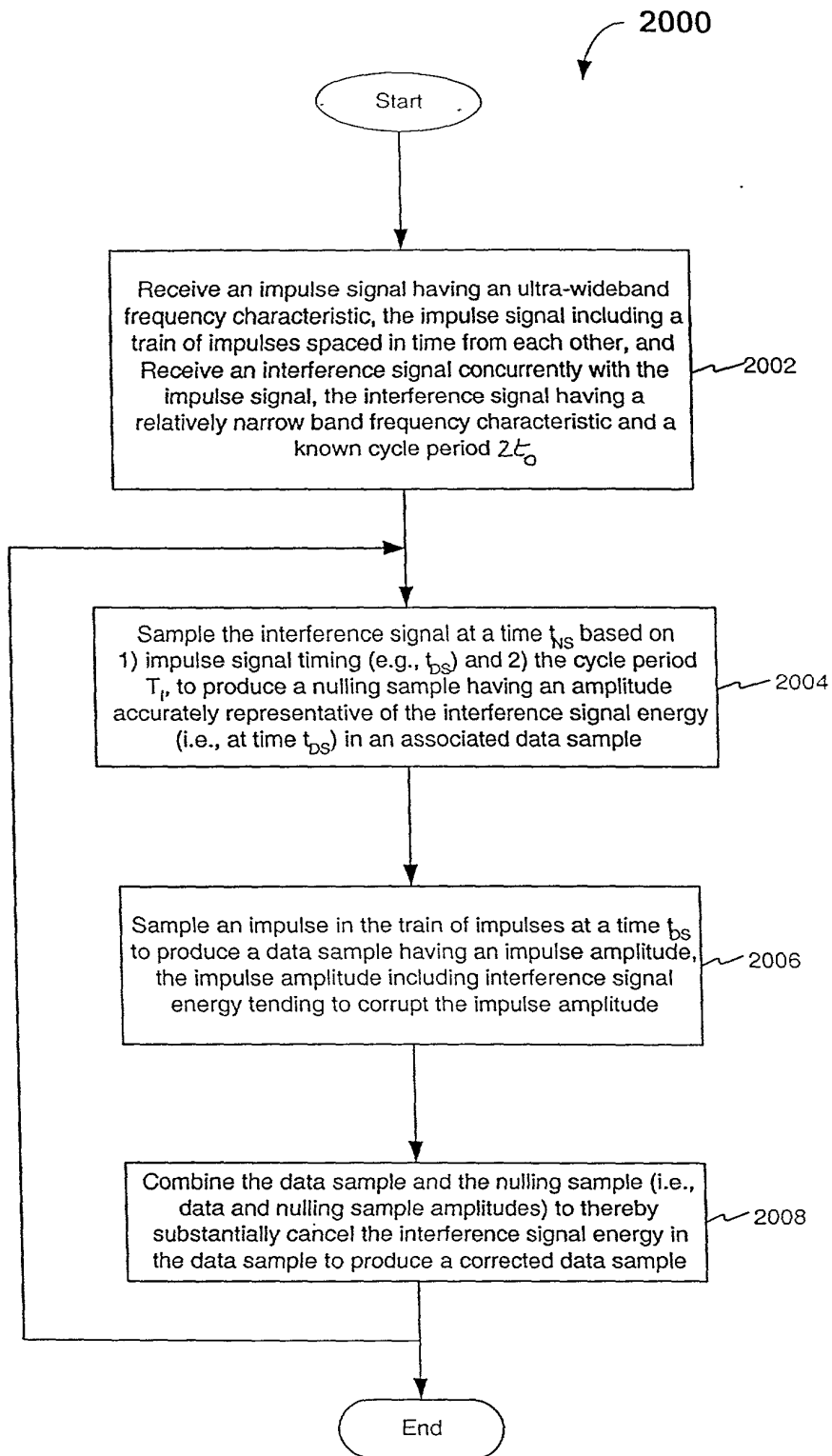


FIG. 20

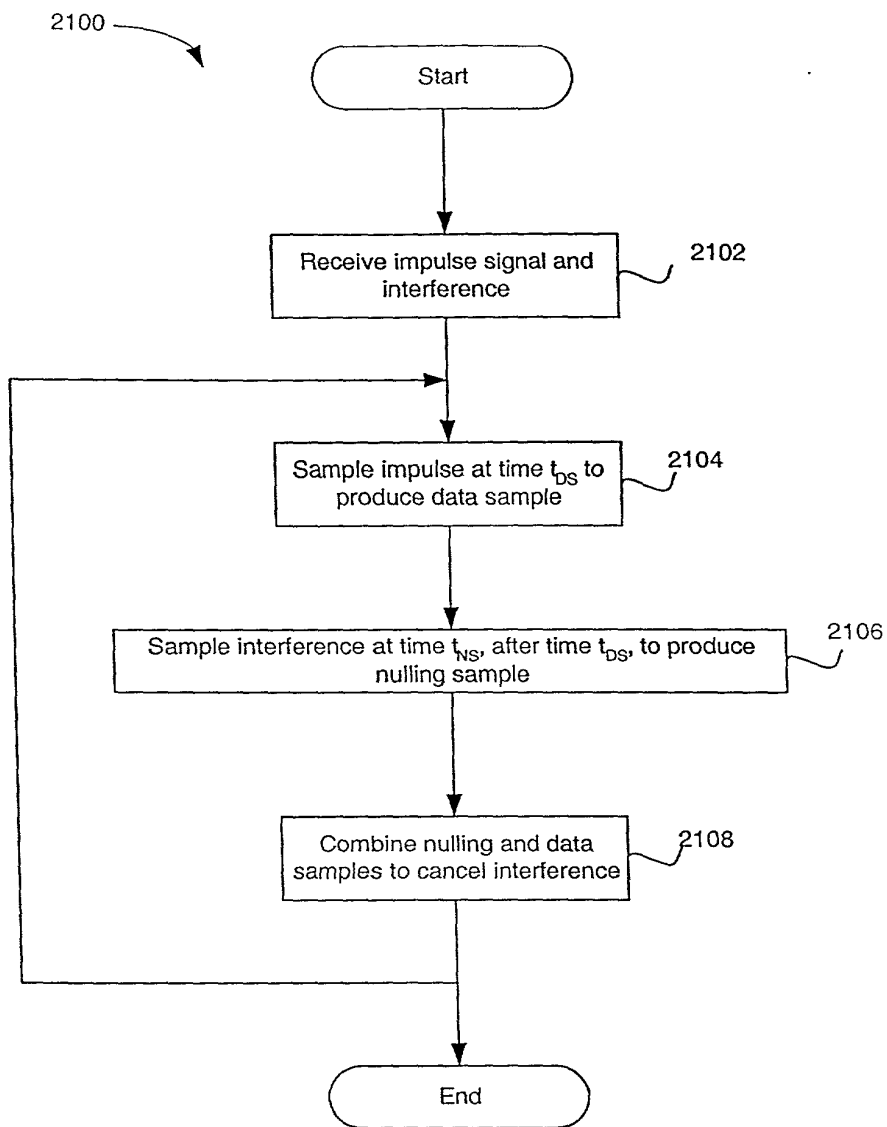


FIG. 21

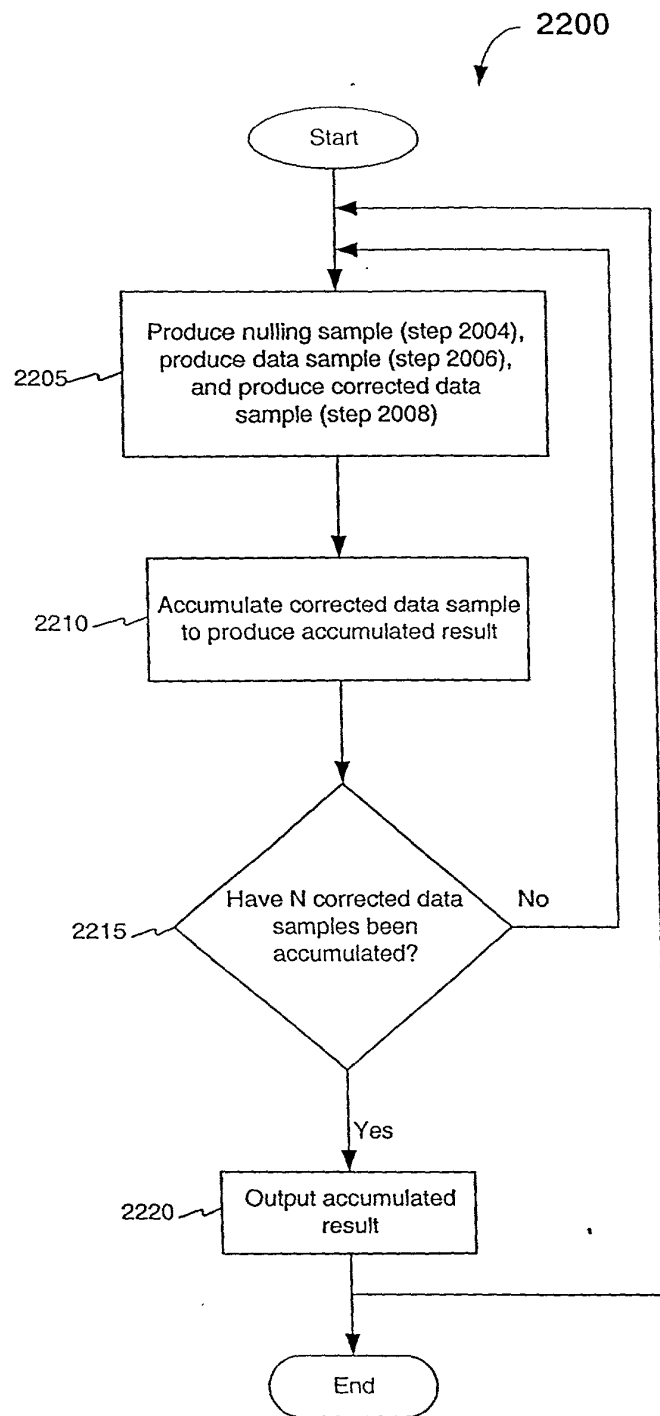


FIG. 22

2300

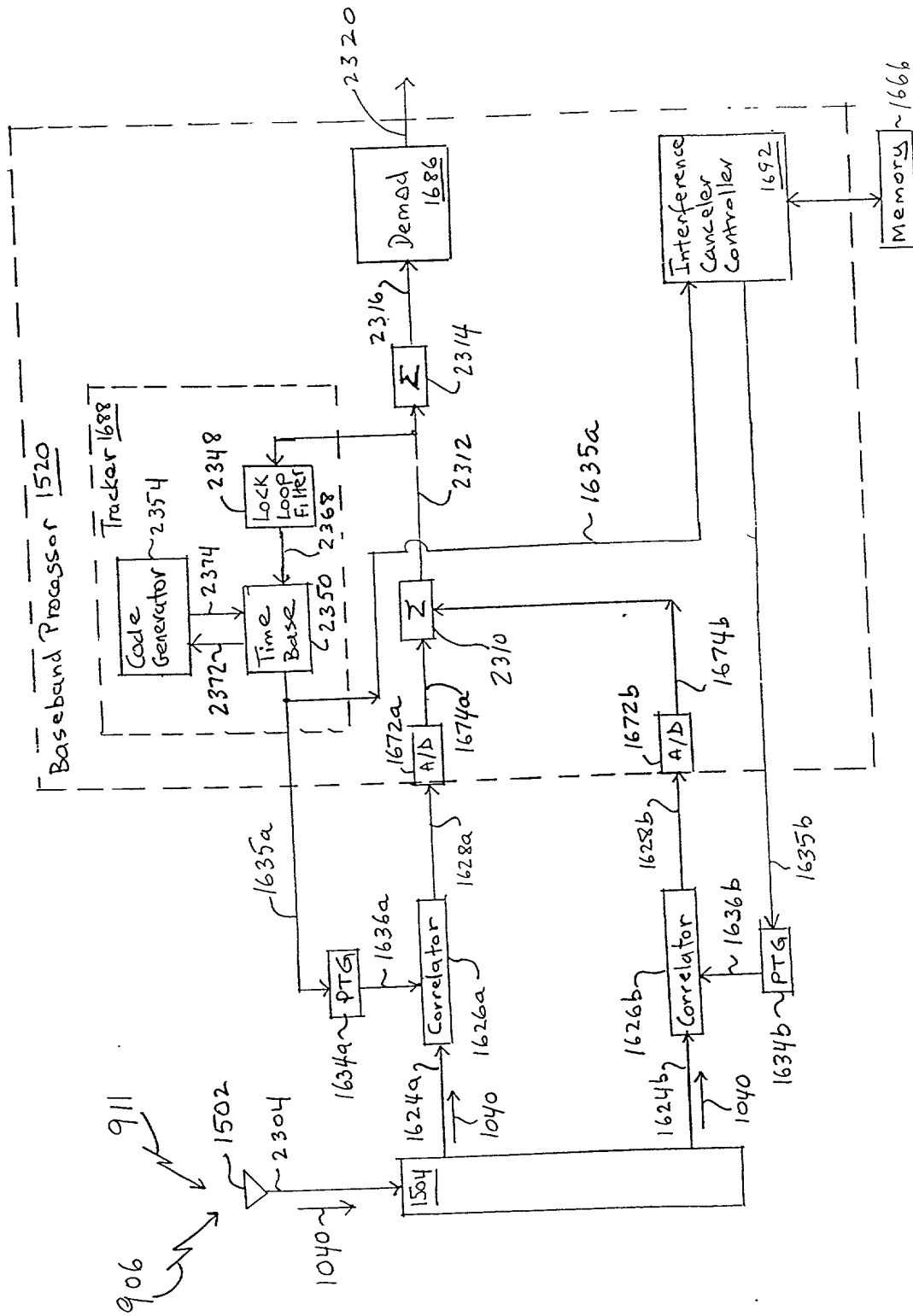


FIG. 23

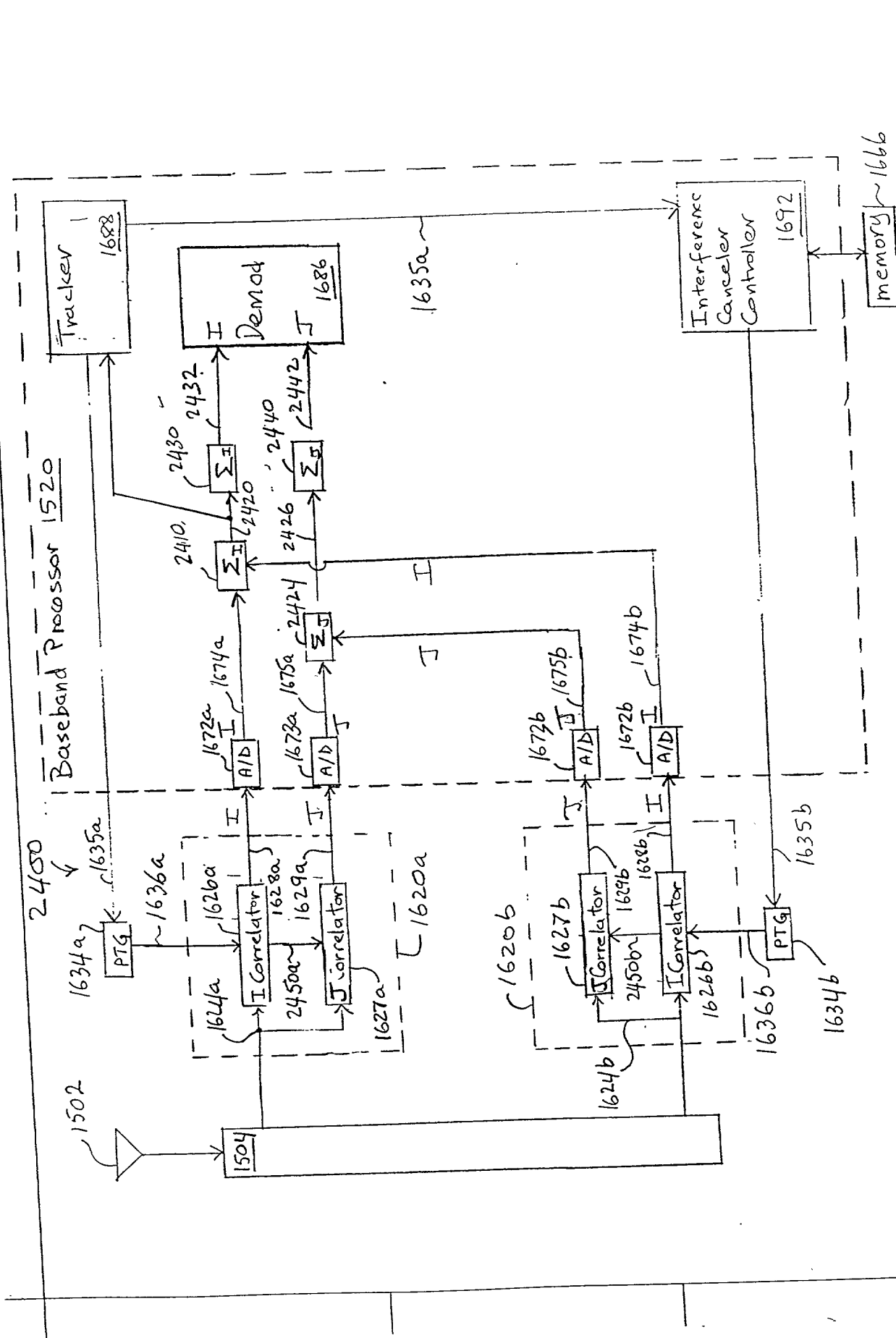


FIG. 24

2500

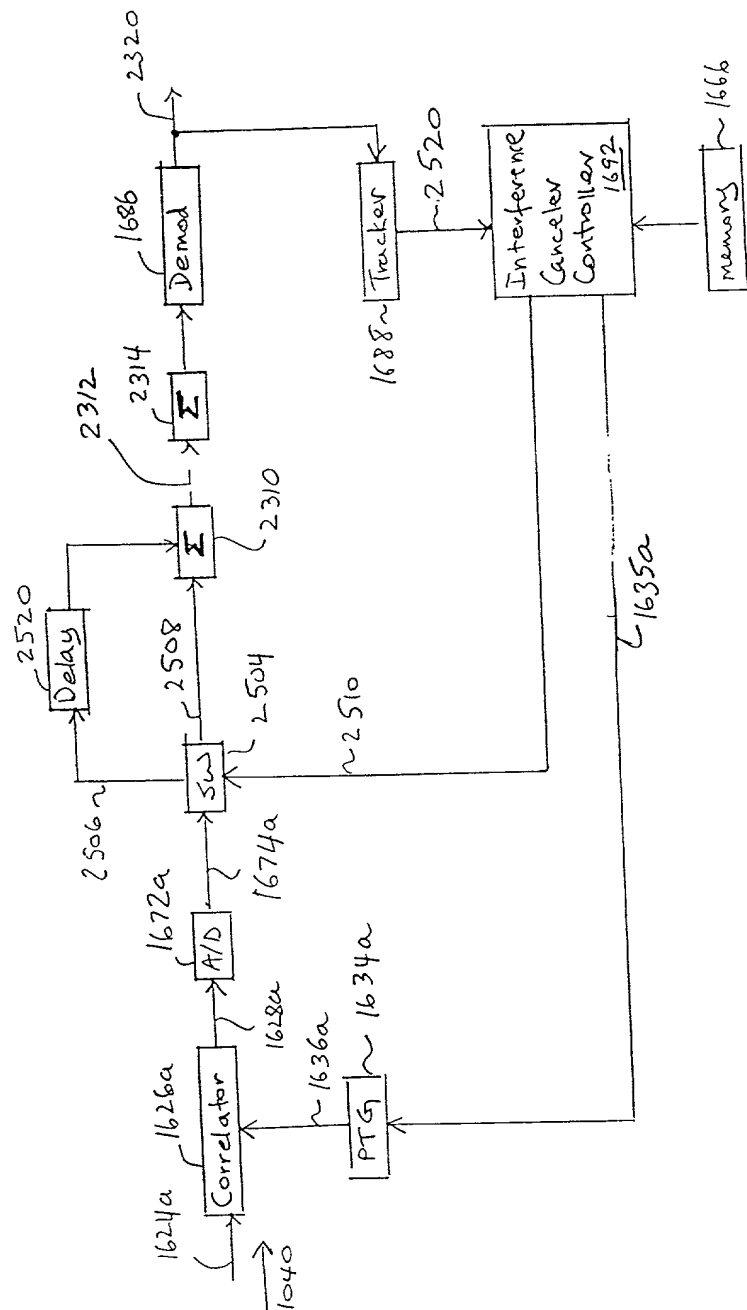
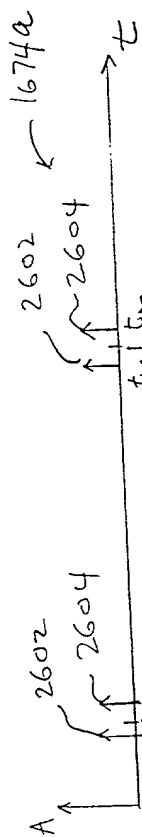


FIG. 25



Flg. 26A



FIG. 26B

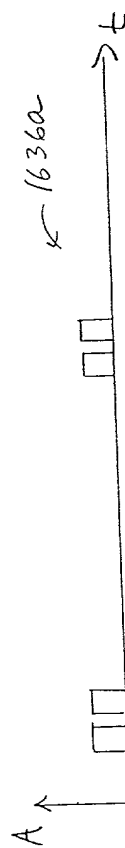


FIG. 26C

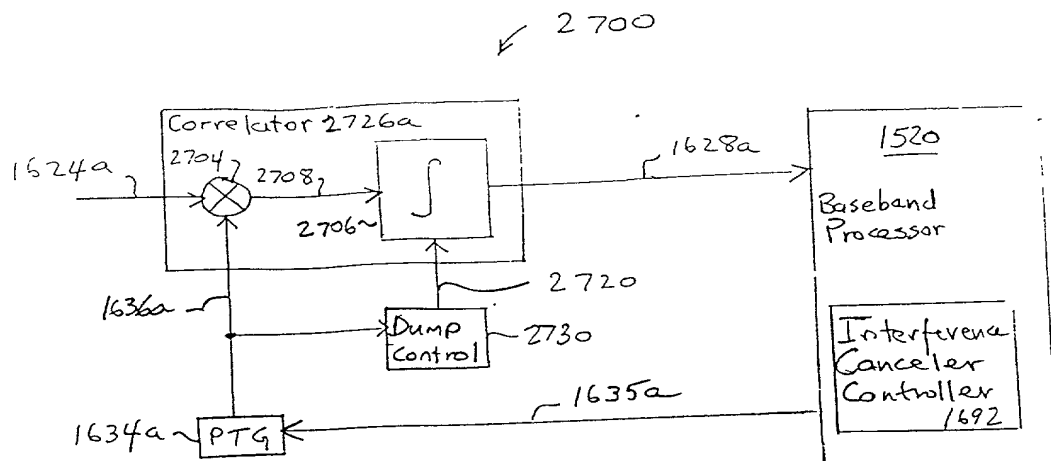


FIG. 27

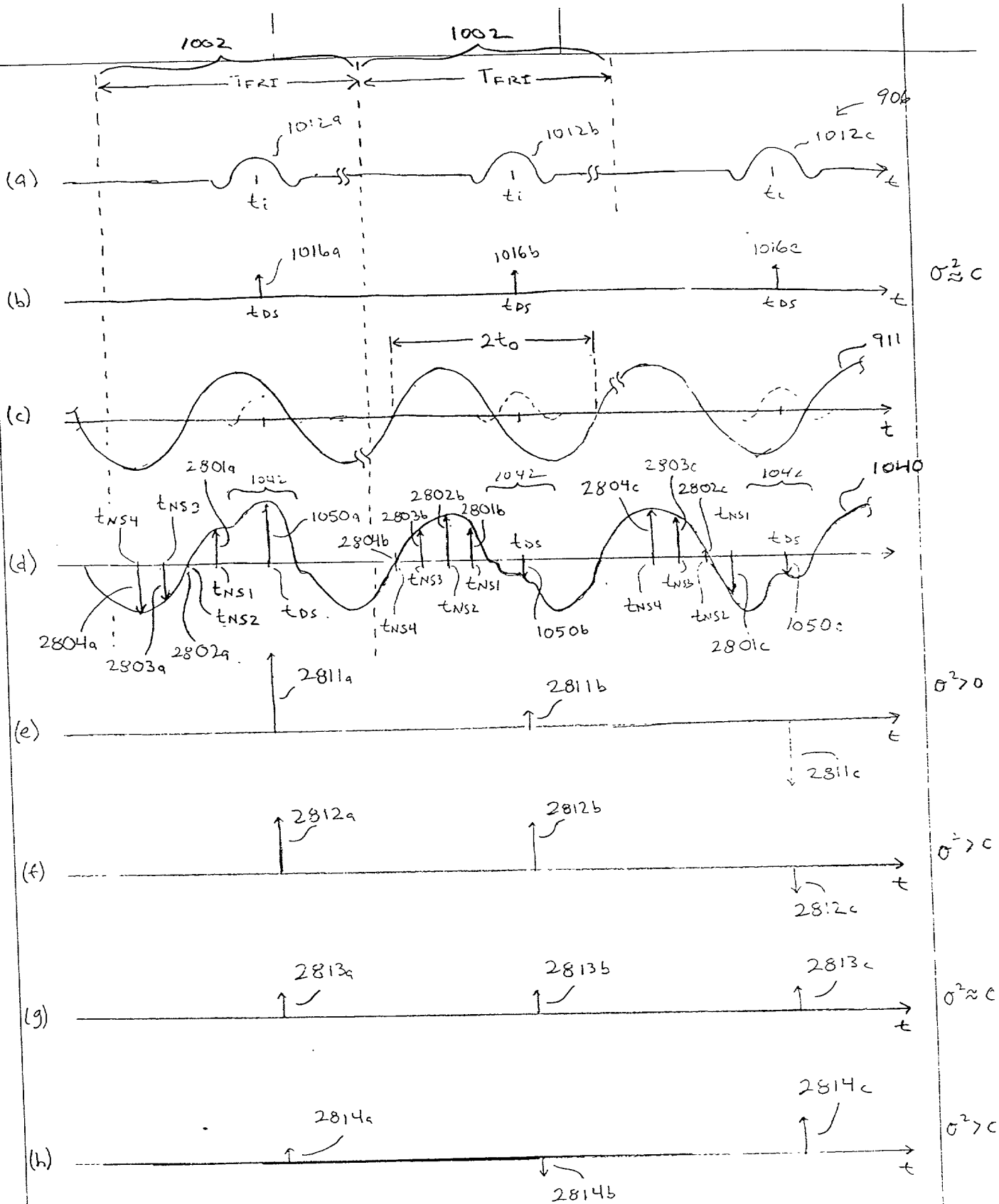


FIG 28

2900

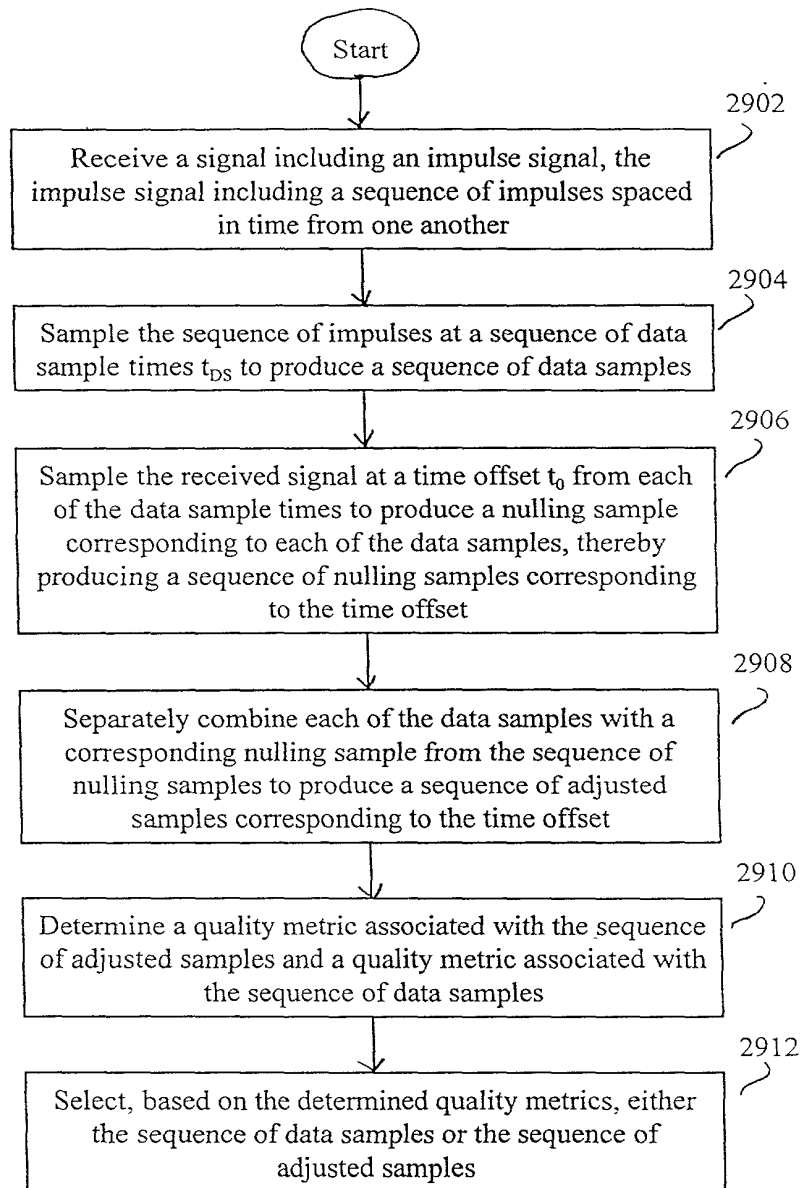


FIG. 29

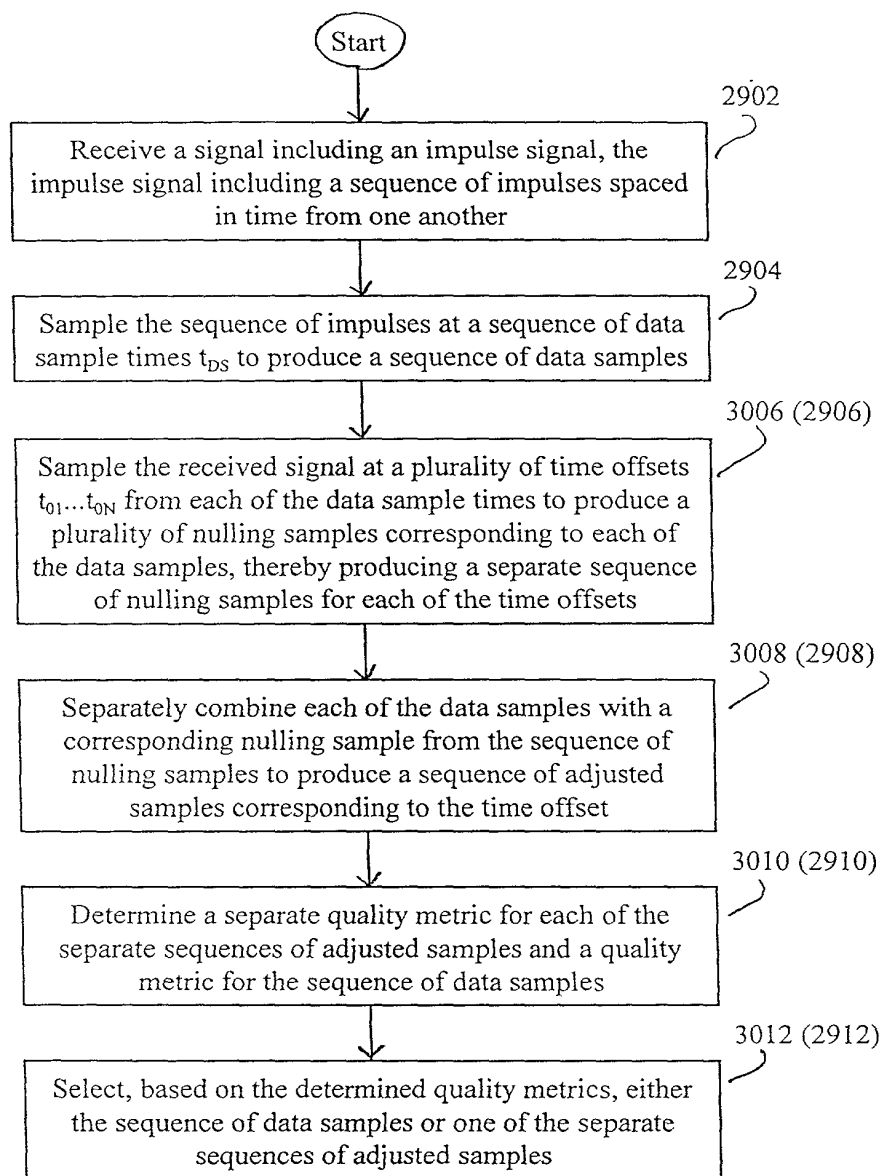


FIG. 30

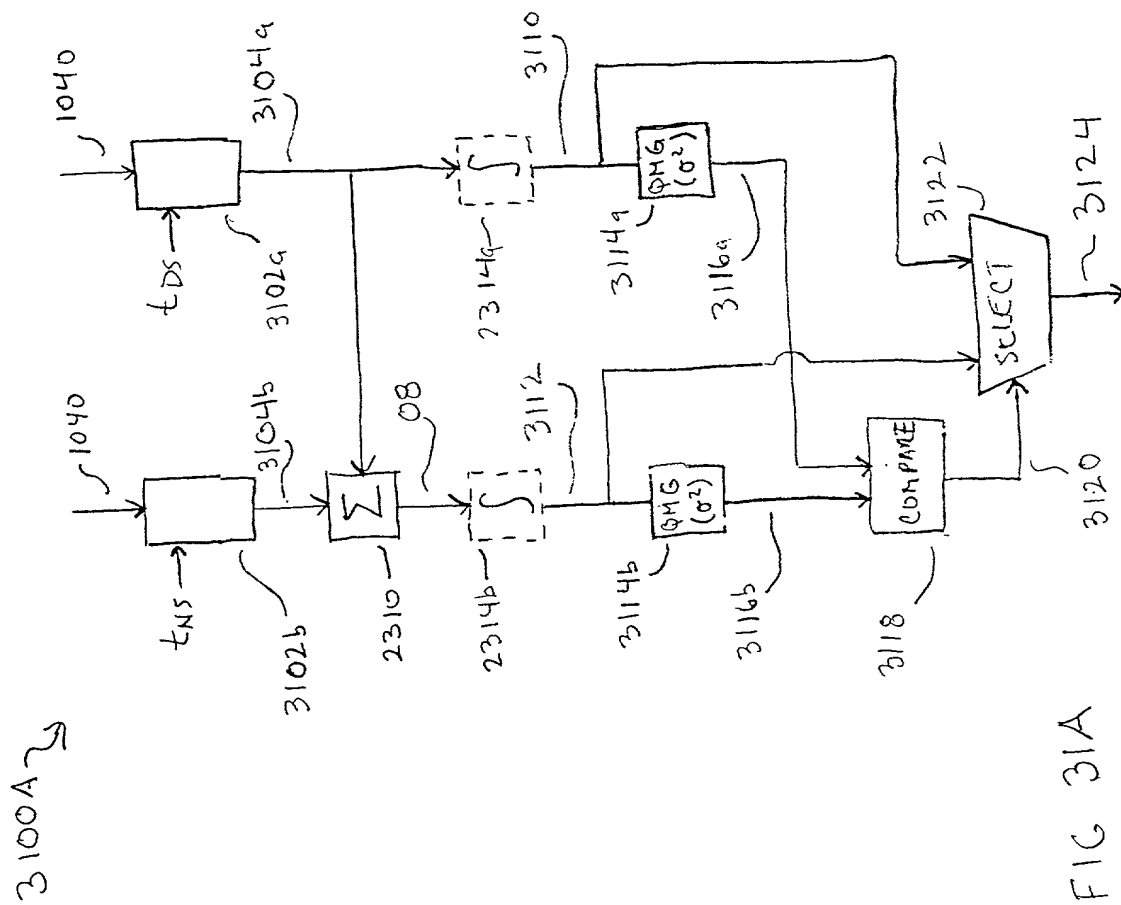
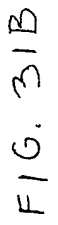


FIG 31A



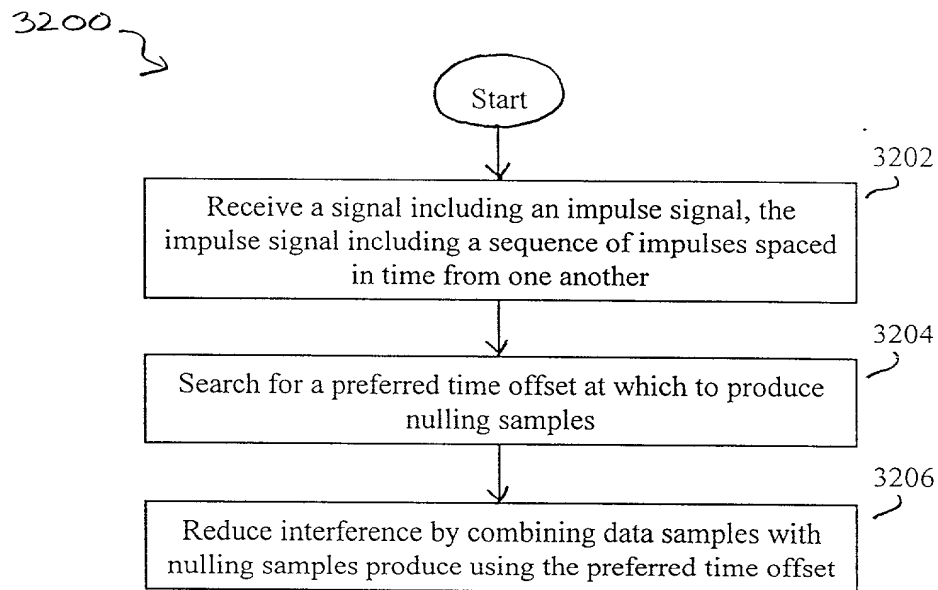


FIG. 32

fig32

3204

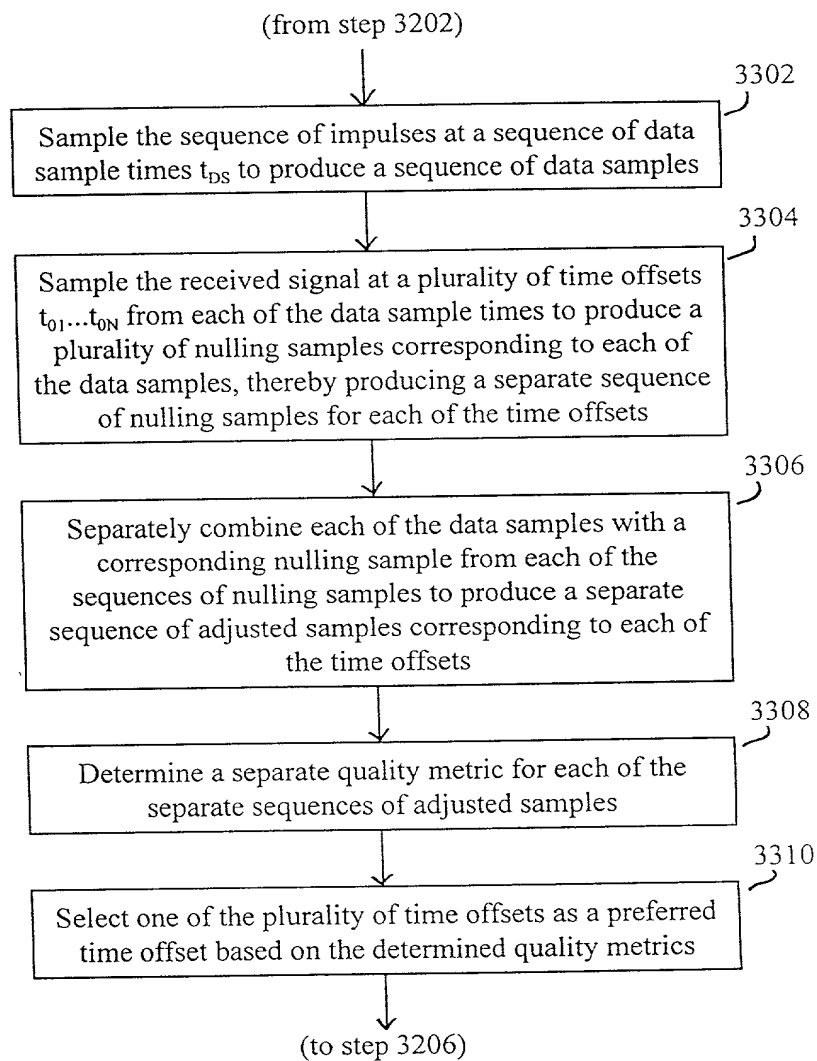


FIG. 33

3204

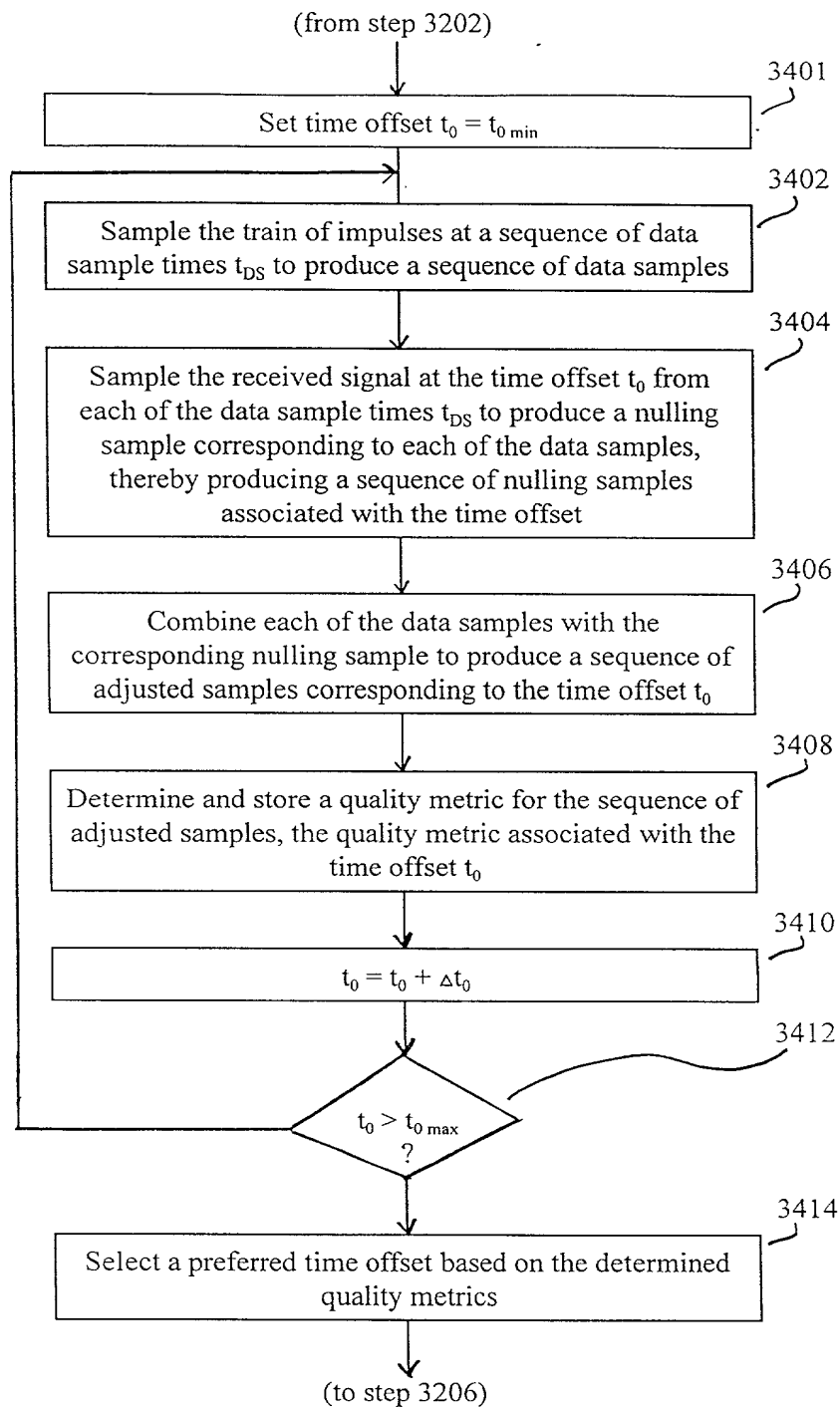


FIG. 34

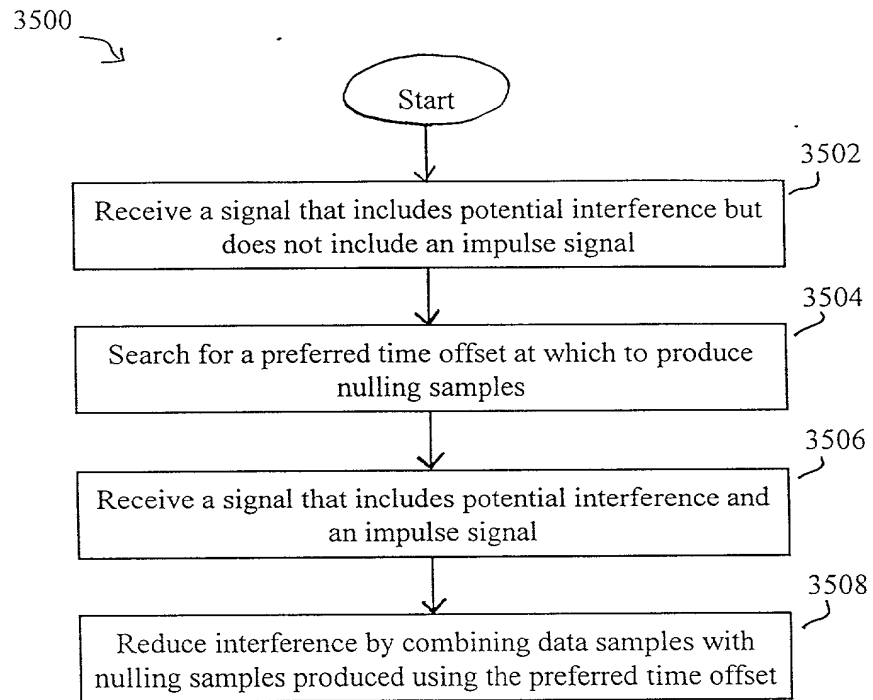


FIG. 35

3504

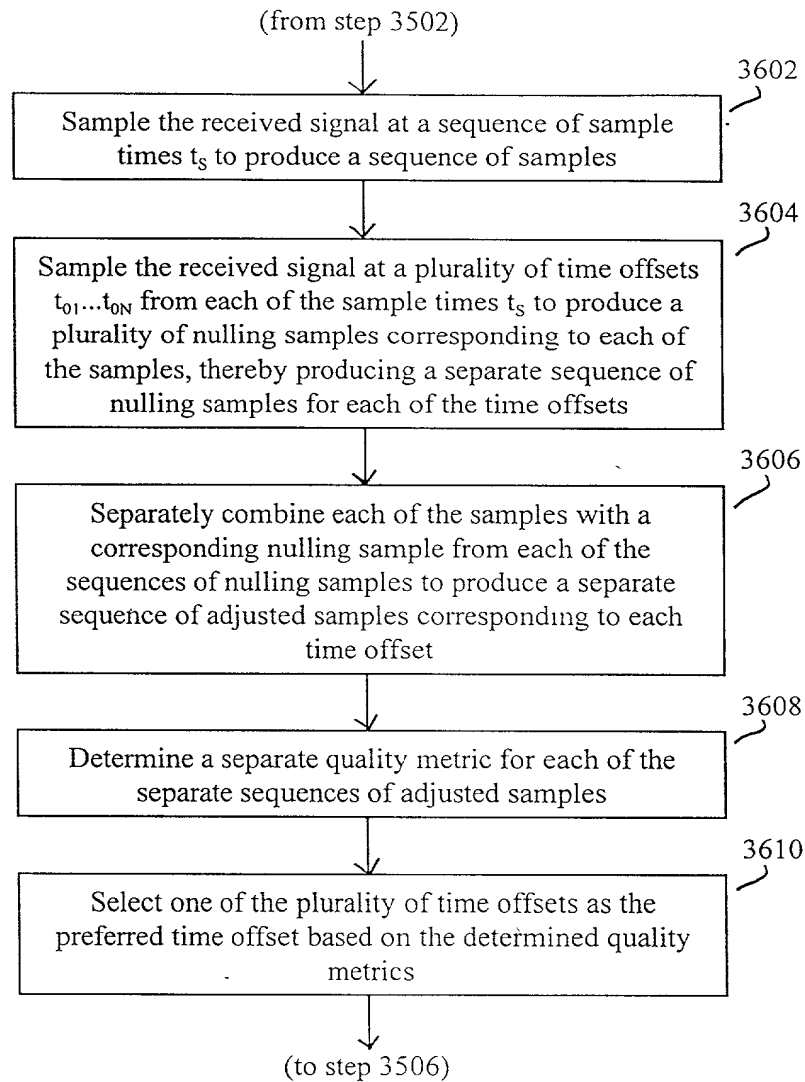


FIG. 36

3504

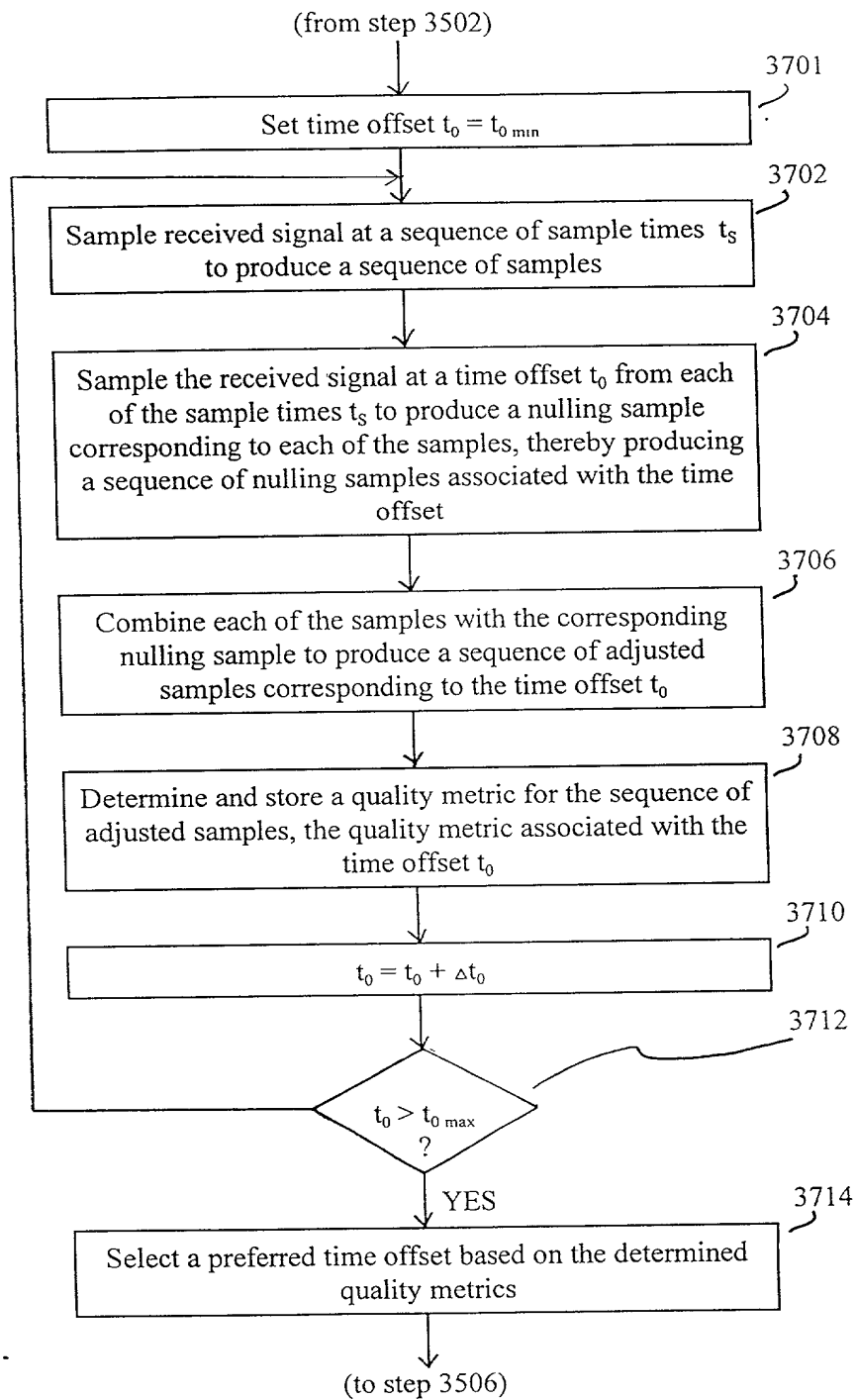


FIG. 37

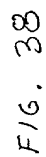


FIG. 39A

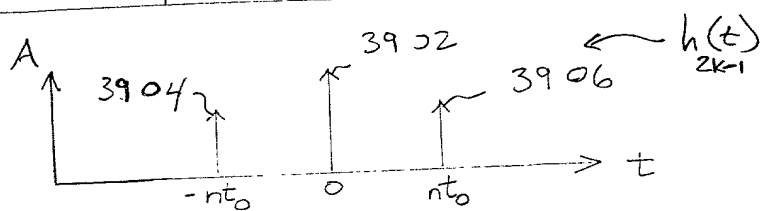


FIG. 39B

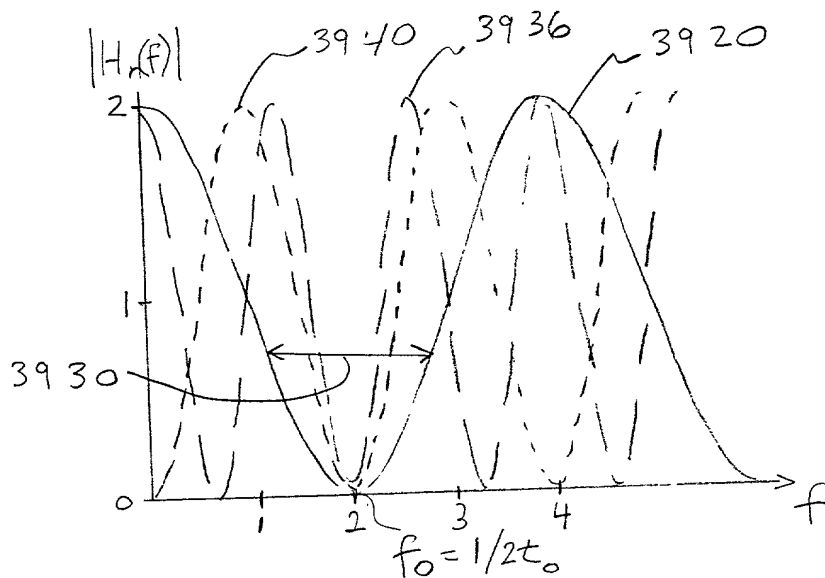
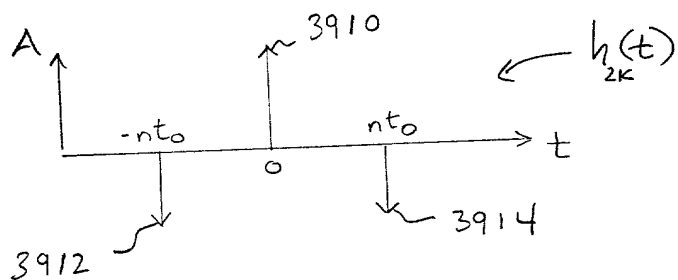


FIG. 39C

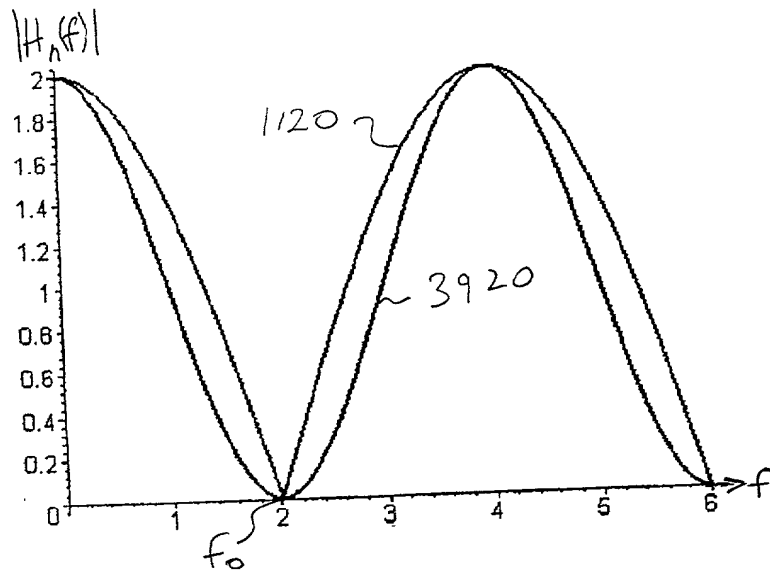


FIG. 39 D

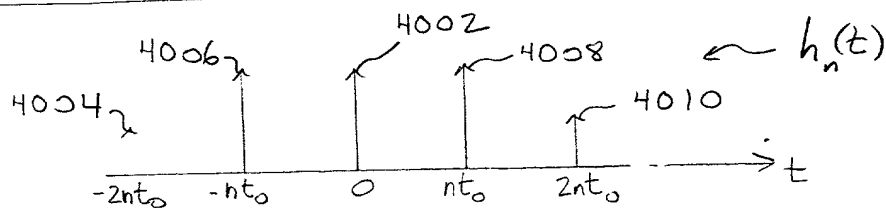
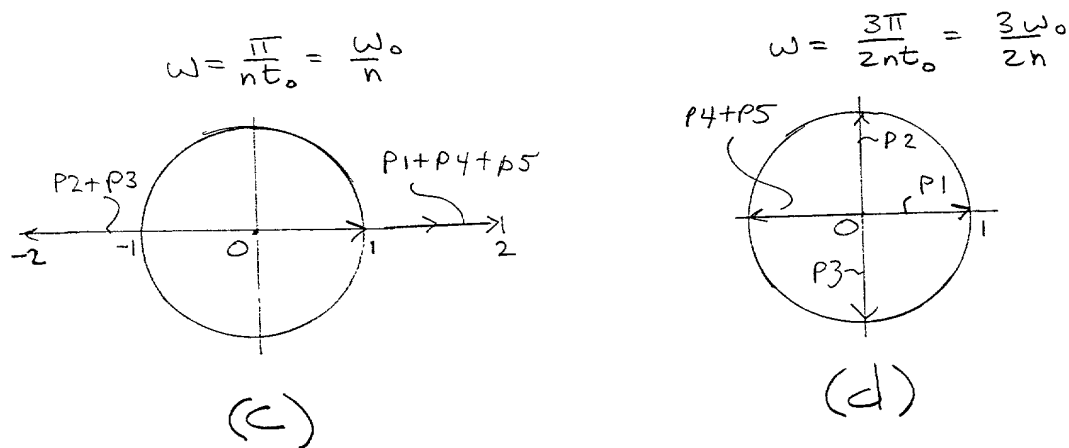
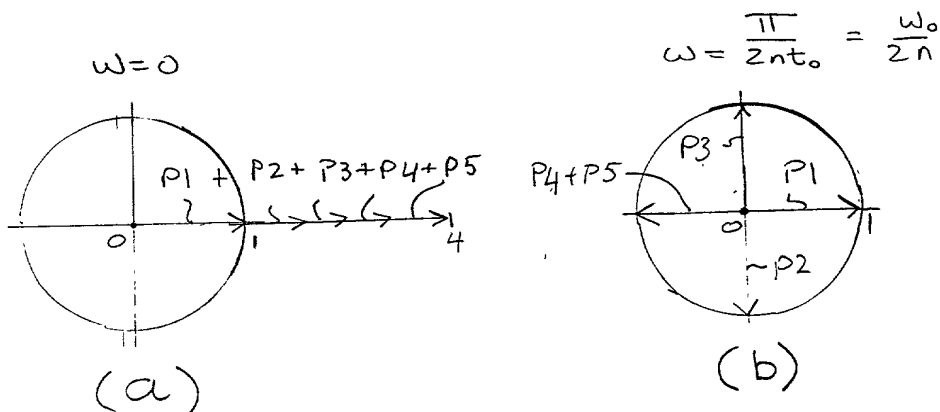


FIG. 40



$$F_n(\omega) = \underbrace{1}_{p1} + \underbrace{e^{-j\omega nt_0}}_{p2} + \underbrace{e^{j\omega nt_0}}_{p3} + \underbrace{\frac{1}{2}e^{-2j\omega nt_0}}_{p4} + \underbrace{\frac{1}{2}e^{2j\omega nt_0}}_{p5}$$

FIG. 41

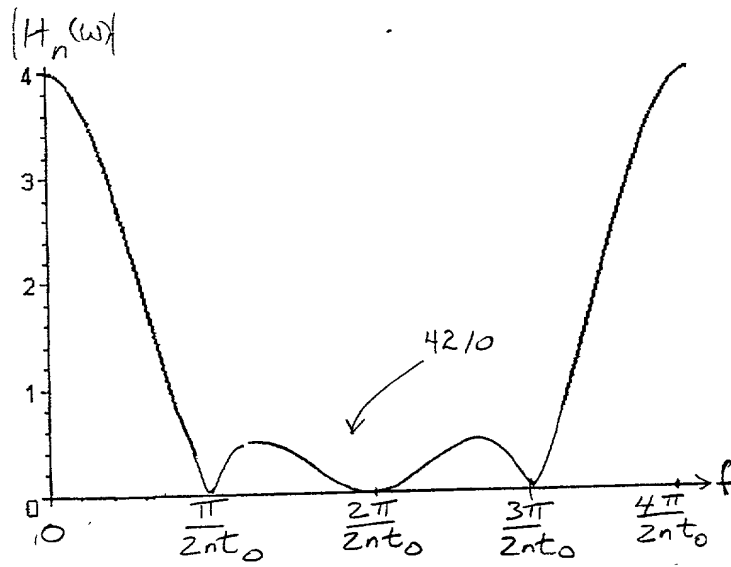


FIG. 42

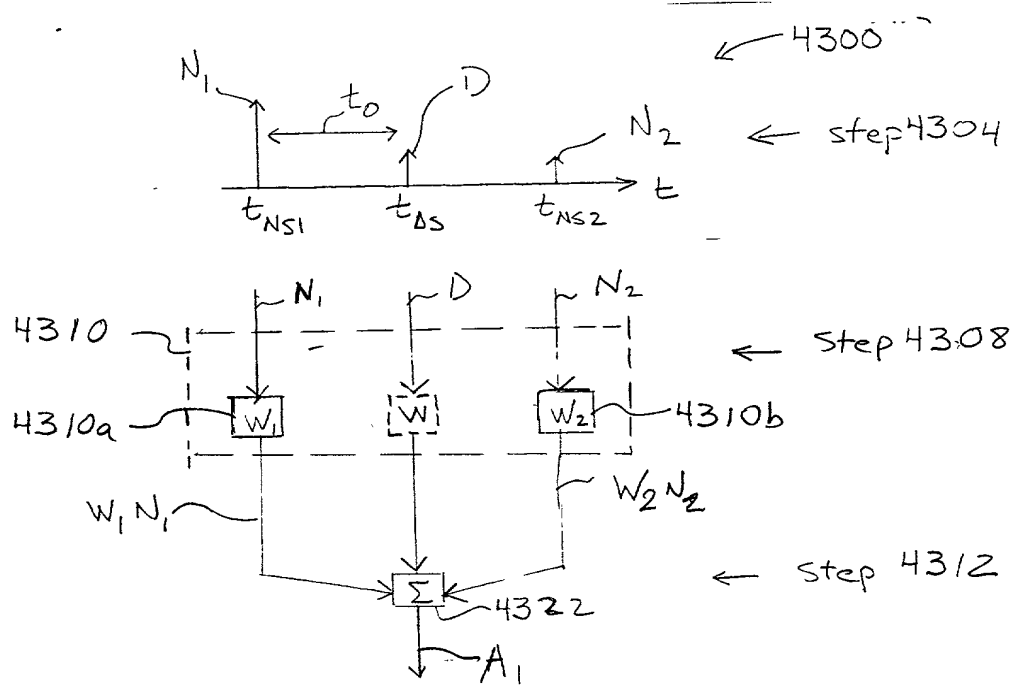


FIG. 43.

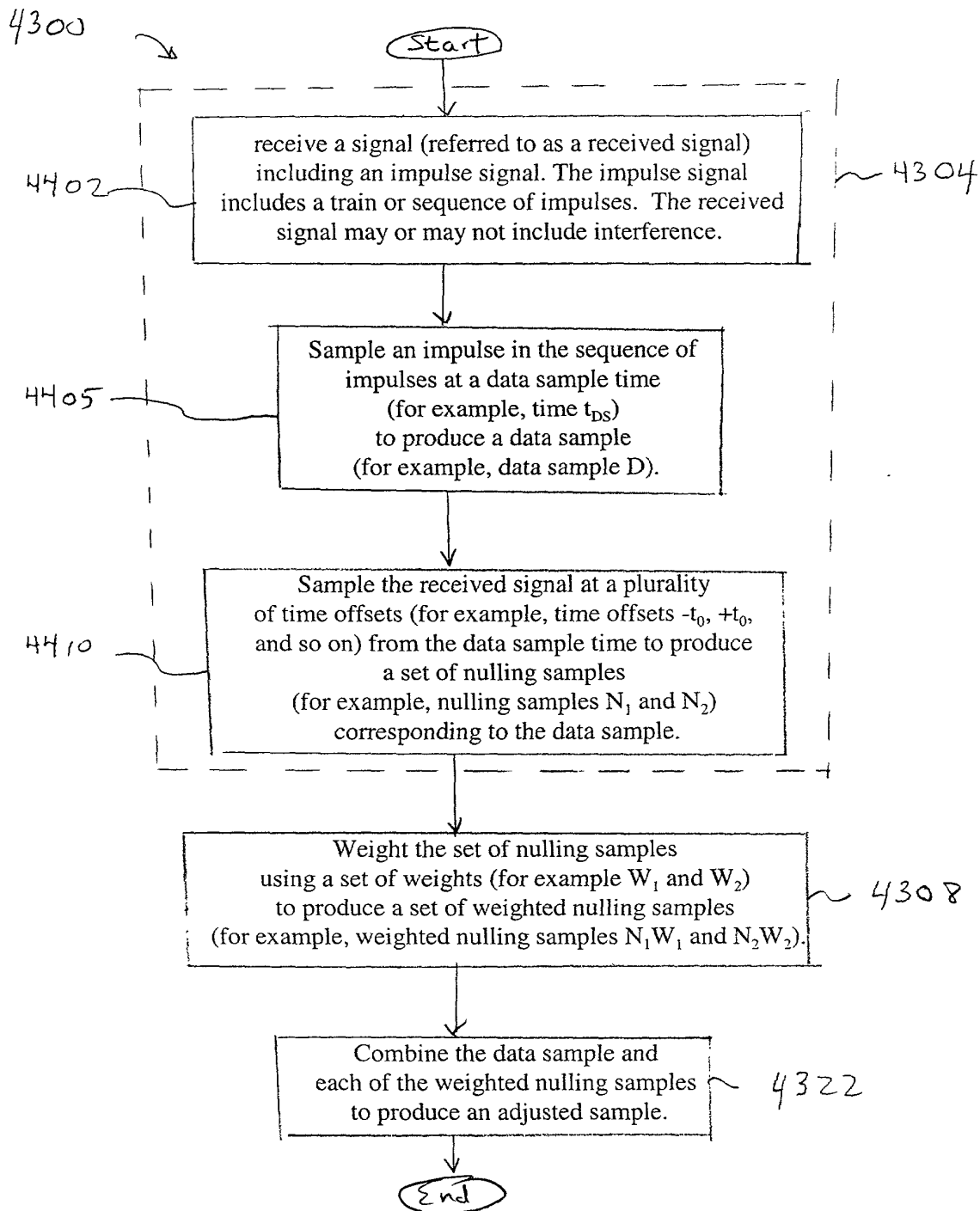


FIG. 44

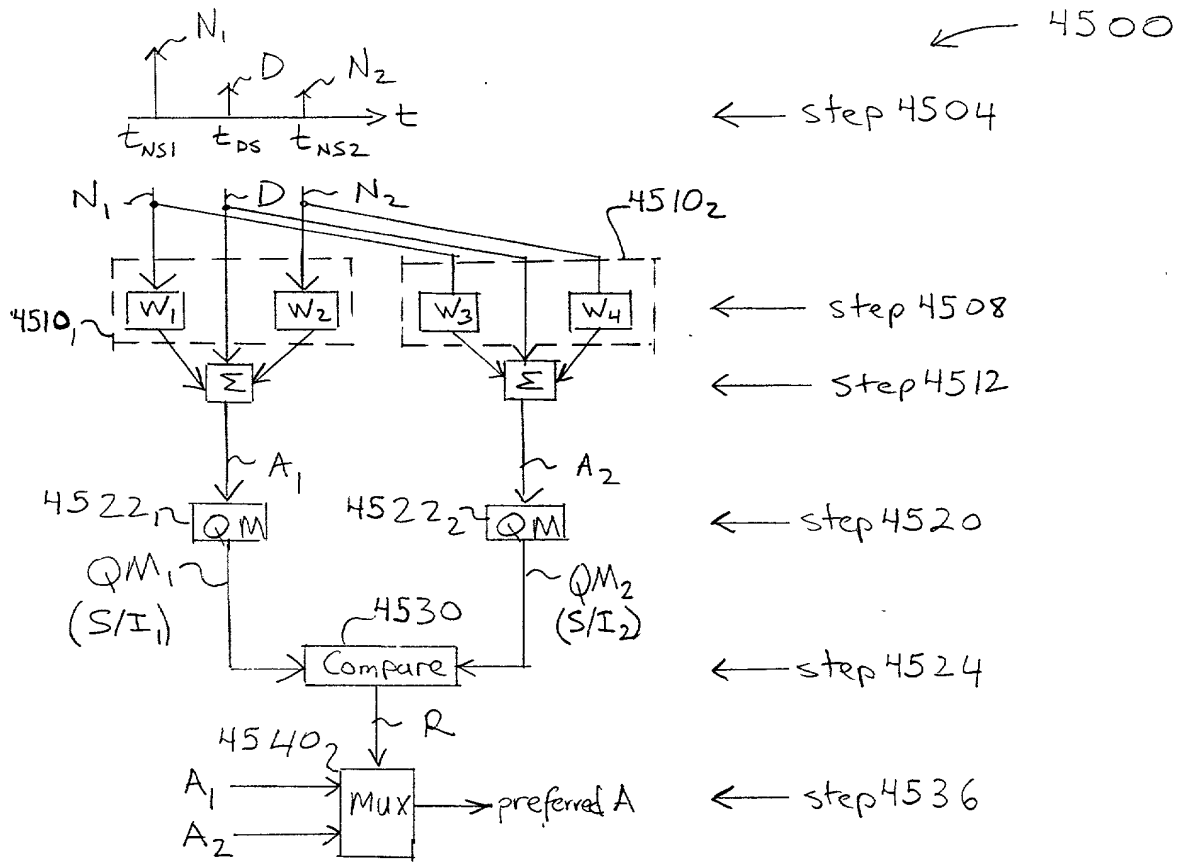
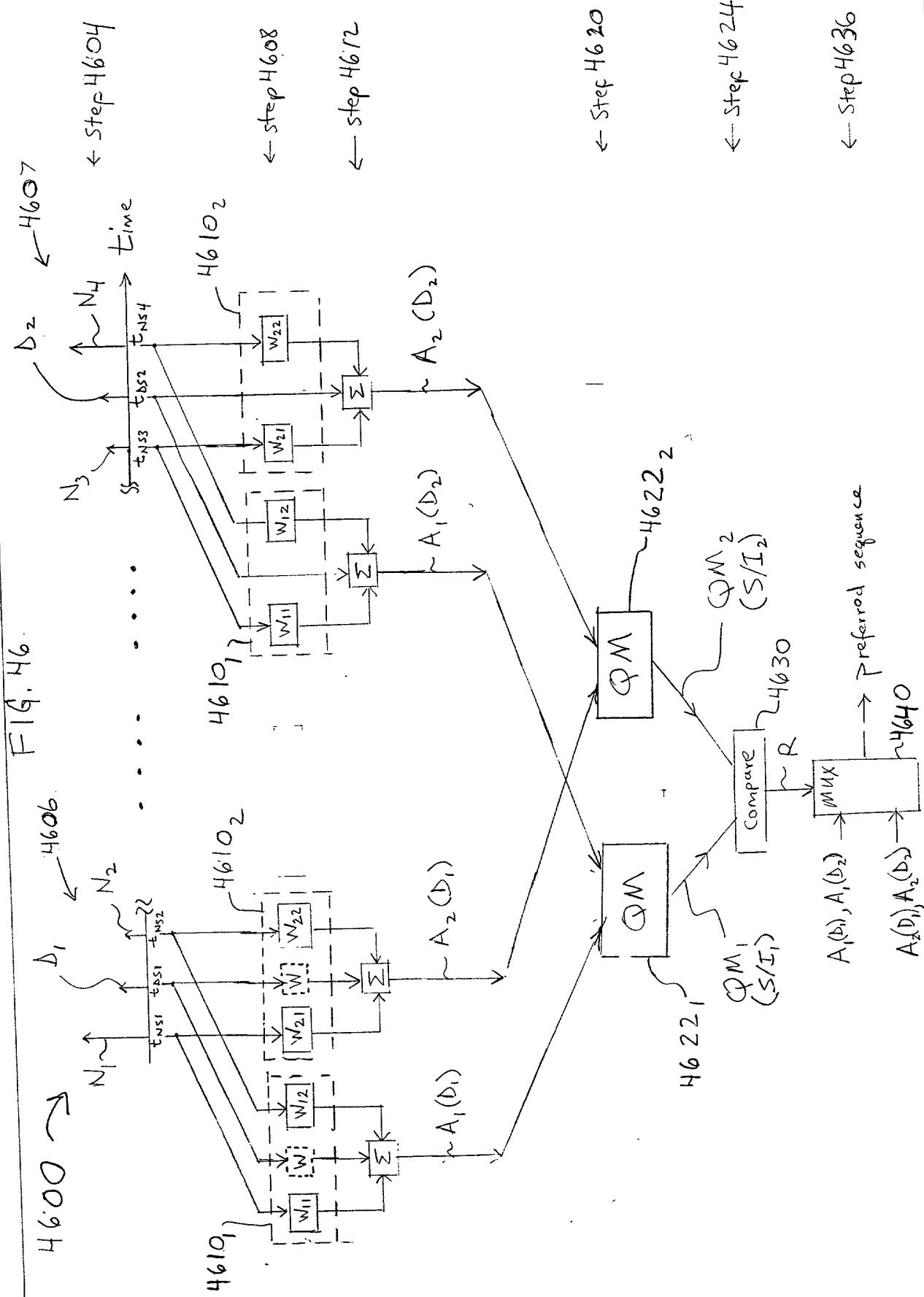


FIG. 45



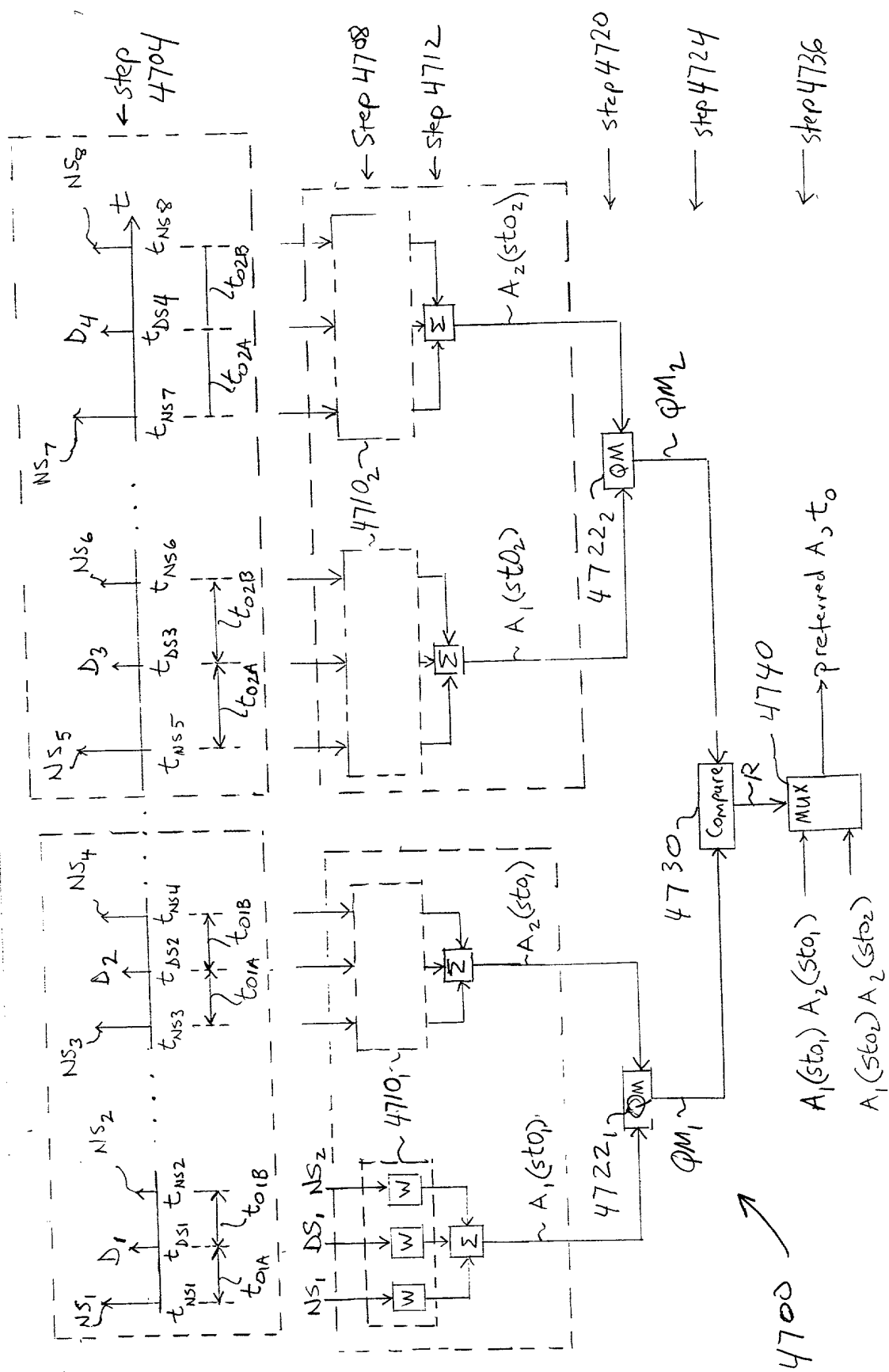


Fig. 47

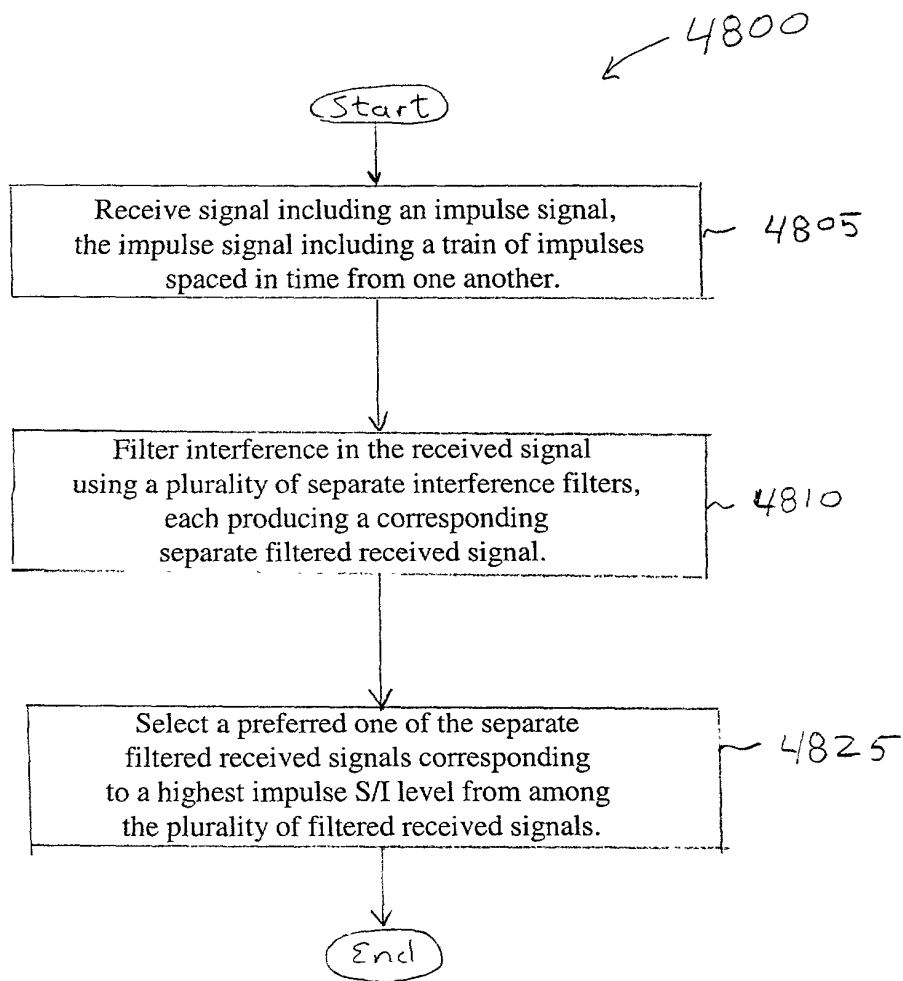


FIG. 48

FIG. 49

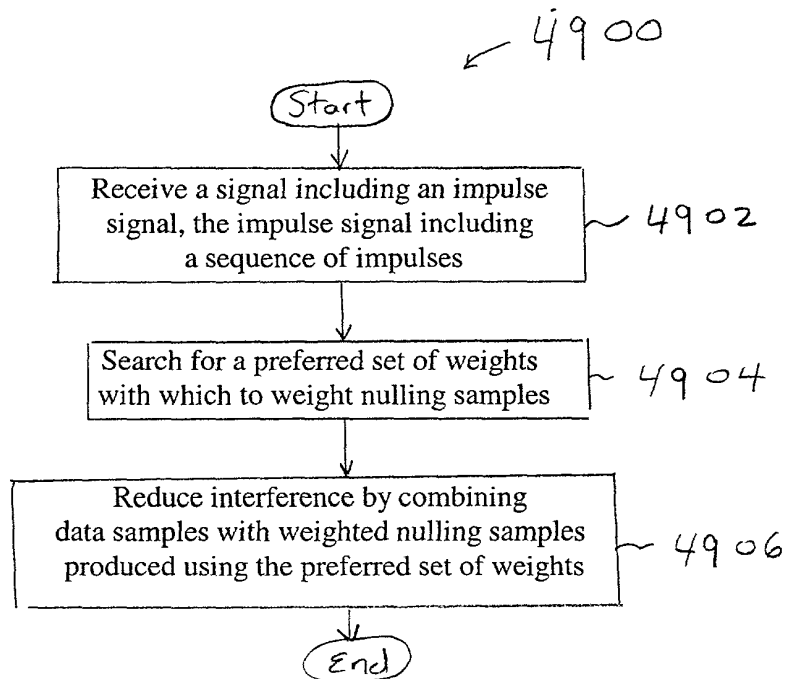


FIG. 50

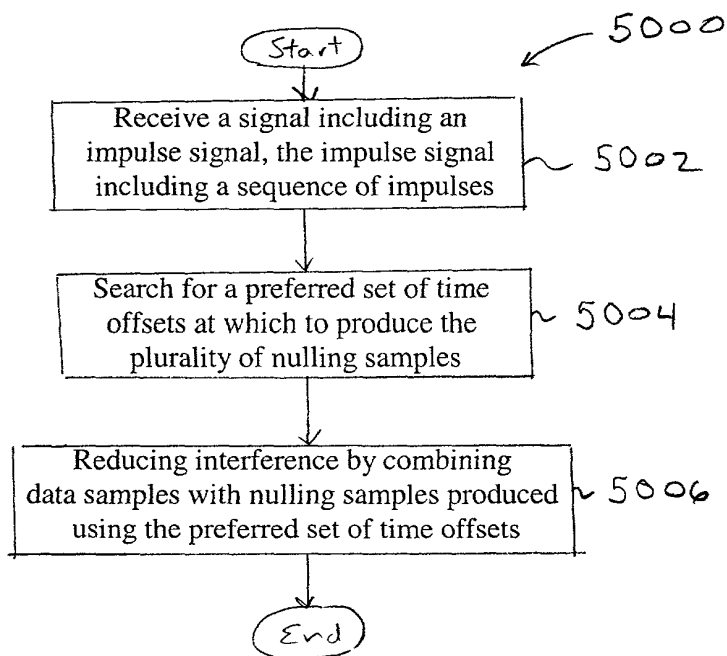
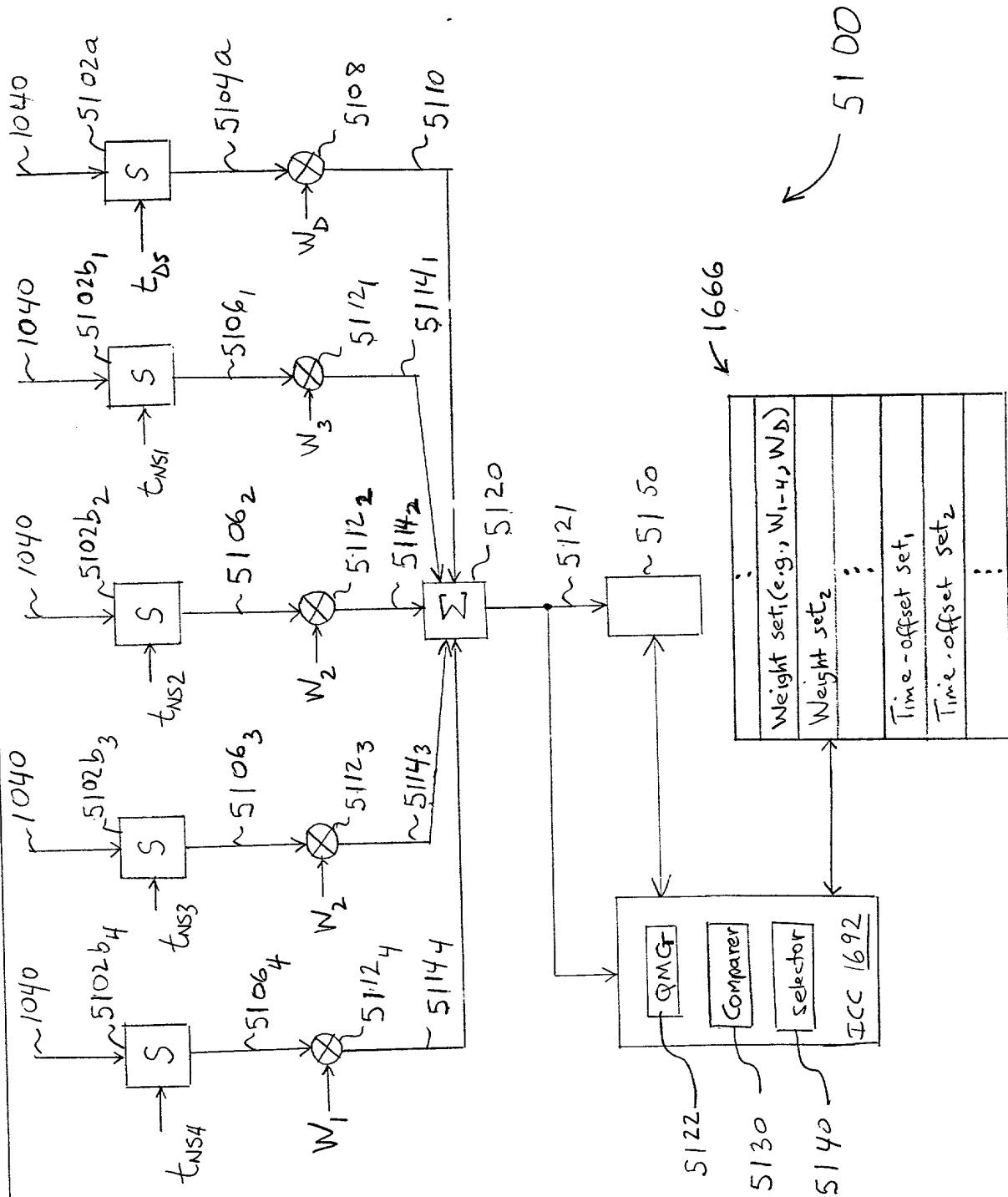


FIG. 5



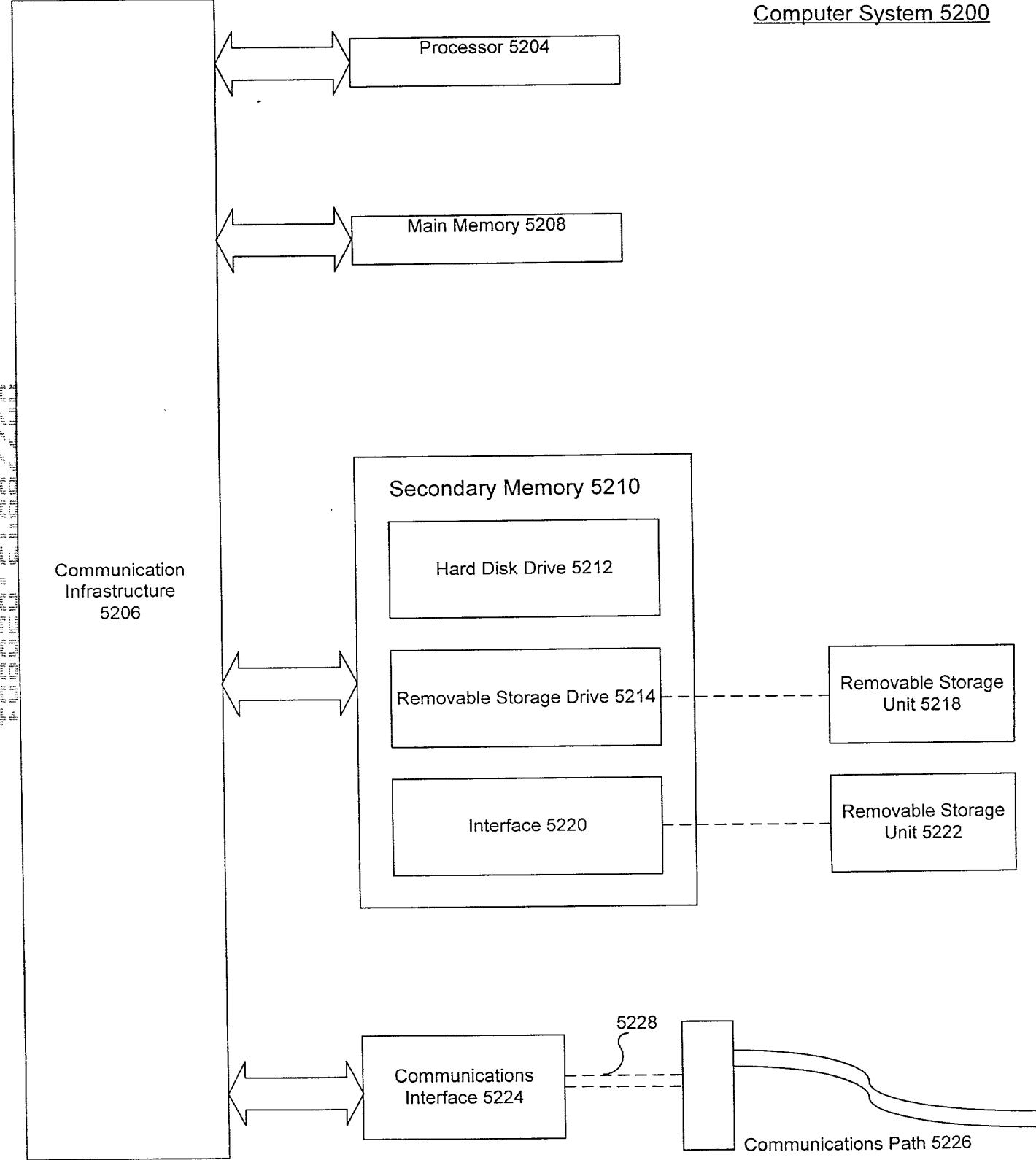


FIG. 52